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CHECK LIST OF NORTH AMERICAN AMPHIBIANS AND REPTILES

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A CHECK LIST OF NORTH AMERICAN AMPHIBIANS AND REPTILES

BY

LEONHARD STEJNEGER

AND

THOMAS BARBOUR

THIRD EDITION

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INTRODUCTION TO THIRD EDITION

THE second edition of the Check List, which appeared in 1923, is now out of print, and the great volume of additions to our knowledge of American reptiles and amphibians has been used in preparing this third edition.

Many colleagues have aided us with helpful criticism and suggestions. It is impossible to mention the names of all with whom we have corresponded, but some have been of such great and constant assistance that they should be especially remembered. Our hearty thanks are particularly due to Mrs. H. T. Gaige, Professor E. R. Dunn, Mr. L. M. Klauber, Mr. K. P. Schmidt, and Dr. Frank N. Blanchard, and also to Messrs. C. L. Walker, O. C. Van Hyning, and G. M. Netting.

It may perhaps be well to restate here the spirit by which we have been guided in preparing this list. In general we have been inclined to admit all forms described since the last list unless they have been shown publicly to be untenable or unless we have a decisive opinion of our own or some other sufficient reason for rejecting them. Doubtful names may be included in the Check List for debate or as an index to literature. In the use of binominals and trinominals we feel inclined to exercise our own discretion. We are opposed to mixing the biological idea of a subspecies with the convenience or inconvenience of a trinominal designation. We hold a subspecies to be a form which is manifestly descended from another form. If they are still forms connected by intergrades we accept trinominals unless the percentage of intergrades is so large that it becomes unprofitable so to do. But if there is reason to believe that the connection between two forms has once been broken and that the intergrades now recorded are either the result of hybridization or individual reversion, we see no gain in treating them trinominally, par-

ticularly in those cases where each form may, in its own turn, normally intergrade with other trinominals. We feel inclined to conserve the status of the names of the old list except when absolutely compelled by the facts to make a change.

In some respects we may seem over-inclined to be thus conservative. Dr. Dunn has recently proposed that the genus Tropidoclonion be merged with Thamnophis. But since the monotypic form is obviously more different from any species of Thamnophis than any of the species in that genus are one from another we prefer still to recognize the peculiar genus for this single species. Considering, as we do, that genera are groups for convenience, that no two people are ever likely to agree for long on generic limitations, we feel that any means of breaking up large genera by setting off particularly well differentiated species or groups of species is justifiable and praiseworthy. The recent attempt of Myers (Proc. Biol. Soc. Wash., Vol. 43, March 12, 1930, p. 61) to set up the name Bufo canagicus (Pallas) for Bufo boreas has not seemed to us in the least convincing, and we are entirely in agreement to ignore this name since it is impossible from Pallas' description to know whether he had a Bufo or a Rana in hand.[1]

Our hearty thanks are due to Mr. and Mrs. R. E. Bowen and Miss H. M. Robinson for their care in verifying references and assisting in the preparation of the manuscript.

T. B.

[1] It appears at the last minute, after printing of the text has been completed, that two names have been inadvertently omitted:

Elaphe lindheimeri Stejneger and Barbour (Check List No. Amer. Amph. Rept., 2nd Ed., 1923, p. 92) should appear as a synonym of *Elaphe obsoleta confinis*, p. 99.

Chilomeniscus ephippicus Stejneger and Barbour (Check List No. Amer. Amph. Rept., 2nd Ed., 1923, p. 102) should appear as a synonym of *Chilomeniscus cinctus*, p. 114.

INTRODUCTION TO SECOND EDITION

The first edition of the Check List seems to have been useful. Great changes have come in our knowledge of the North American fauna since it was written, so great indeed that there has been a general request for a revised edition. This we have attempted in as impartial a manner as possible. Probably no one will agree with all our conclusions. The reason for issuing this revision now is that the present seems to be as good a time as any later date, in view of the fact that the last word will not be said for years to come.

Recent writers have often erred egregiously in the use of accents in Spanish place names. We confess it is difficult to satisfy the puristic conventions. Our general rule is to accent all Spanish words in which the last syllable is stressed and which end in a vowel.

It is not the real province of a Check List to initiate changes in usage except where nomenclature does not conform to the International Code. We admit new species and subspecies as they are proposed, except where their validity is definitely contra-indicated. As to the various more fundamental changes in classification which have been proposed we can only say that we are inclined to consider them very sympathetically, but they have not as yet stood the test of time. We have, however, omitted the term Eublepharidae most willingly. But Pseudacris and Manculus, which some would suppress, are convenient names for apparently natural associations of species, and, therefore, who would ask more reason for their retention in the ranks of valid genera? It is to be hoped that American herpetology may not fall into the unhappy condition now seen in our ornithology with its overmultiplied monotypic genera: still, however, any reasonable efforts to break up the great unwieldy genera are certainly welcome.

Thus without special aim to be consistent we have taken up the various problems presented by recent workers, feeling generally that it is our duty to record established custom rather than to initiate or to follow hastily each proposed change.

Thanks are due to several of our North American co-workers for advice and assistance. We would mention especially Dr. Emmett Reid Dunn, Dr. Alexander G. Ruthven, and Mr. Karl P. Schmidt.

T. B.

INTRODUCTION TO FIRST EDITION

A Check List of North American Amphibians and Reptiles has long been wished for by all students of American herpetology. This list has been prepared generally upon the lines of the American Ornithologists' Union Check List of Birds, and, following that example, it has included the species and subspecies which the authors deem valid [1] and of certain occurrence in North America, north of the Rio Grande, and in Lower California, Mexico. Miller's List of North American Land Mammals (Bull. U. S. Nat. Mus., No. 79, 1912) has also been a valued guide.

This volume is the result of lists begun some years ago independently by both authors. The arrangement is on the following system: The higher groups and genera are in systematic sequence, the species are in alphabetic order. No attempt is made to give synonyms. Species not listed are believed to be invalid. The citation of original appearance of names is given for all except such (e. g., family names) as are formed automatically. Following the citation of the original description of each species comes the place of first appearance of the name in its present combination — accurate in so far as we have been able to determine. References are added to Cope's North American Batrachia and to his Crocodilians, Lizards, and Snakes of North America. Both are frequently erratic and inaccurate, but large and excellent portions of both works are to a great extent from the pen of S. F. Baird, as painstaking an investigator as this country has produced. These monographs are in widespread use, and constitute the most recent attempts toward complete lists. In the case of

[1] By this statement it is not meant that the authors in all cases have verified the status of a number of more recently established forms by critical study. The judgment of reliable workers has been accepted where no special reason appeared to contra-indicate the validity of the form. As for the admission of subspecies — or rather trinominal designation — for certain forms no special attempt has been made at consistency, the authors on principle leaning towards binominals in all cases where the need of trinominals has not been clearly established.

the difficult genus Thamnophis references are given to Ruthven's excellent review. Common names for reptiles and amphibians are in great confusion, and are often of generic rather than of specific application. No attempt is made to recognize any except those which are in well-established usage. The host which have been recently coined by various writers are frequently inapt and almost surely unlikely to survive. It is entirely possible that some vernacular names really often used have escaped our notice, since many are in restricted local use. The type localities are as nearly exact as it is possible to determine. This cannot be said regarding the ranges. Many are obviously faulty, but a sincere attempt has been made to collect records of authentic captures; however, with a literature so extensive and so scattered, records have almost surely been overlooked. In many cases, our knowledge does not warrant drawing hard and fast lines delimiting a form's occurrence, and we often state ranges in purposely general terms. There still is opportunity for valuable field work to determine the precise distribution of many of our most common species. An example is the recent discovery that *Virginia valeriae* is far from rare in parts of New Jersey.

Our hearty thanks are due to many for information and advice, especially to Samuel Henshaw, John Van Denburgh, and Alexander G. Ruthven.

G. K. Noble has assisted considerably in verifying references and searching literature, and for this assistance he has our grateful remembrance.

T. B.

CONTENTS

CLASS AMPHIBIA 1
Order Caudata 1
Suborder Proteida 1
Family Necturidae 1
Genus Necturus 1
Suborder Mutabilia 2
Family Amphiumidae 2
Genus Amphiuma 2
Family Cryptobranchidae 2
Genus Cryptobranchus 2
Family Salamandridae 3
Genus Triturus 3
Family Ambystomidae 4
Genus Ambystoma 4
Genus Dicamptodon 7
Genus Rhyacotriton 8
Family Plethodontidae 8
Genus Batrachoseps 8
Genus Hemidactylium 10
Genus Plethodon 10
Genus Ensatina 13
Genus Typhlotriton 14
Genus Stereochilus 14
Genus Typhlomolge 14
Genus Gyrinophilus 15
Genus Manculus 15
Genus Pseudotriton 16
Genus Eurycea 17
Genus Hydromantes 20
Genus Aneides 20
Genus Desmognathus 21
Genus Leurognathus 23
Suborder Meantes 23
Family Sirenidae 23
Genus Siren 23
Genus Pseudobranchus 24
Order Salientia 25
Suborder Costata 25
Family Ascaphidae 25
Genus Ascaphus 25
Suborder Linguata 25
Family Scaphiopodidae 25
Genus Scaphiopus 25

42682

Family Bufonidae 26
Genus Bufo 26
Family Hylidae 30
Genus Acris 30
Genus Pseudacris 31
Genus Hyla 33
Family Leptodactylidae 36
Genus Leptodactylus 36
Genus Eleutherodactylus 37
Genus Syrrhophus 38
Family Ranidae 38
Genus Rana 38
Family Brevicipitidae 43
Genus Gastrophryne 43
Genus Hypopachus 43

CLASS REPTILIA 44
Subclass Diapsida 44
Order Loricata 44
Family Crocodylidae 44
Genus Crocodylus 44
Genus Alligator 44
Order Squamata 45
Suborder Sauria 45
Family Gekkonidae 45
Genus Hemidactylus 45
Genus Phyllodactylus 45
Genus Sphaerodactylus 46
Genus Coleonyx 47
Family Iguanidae 47
Genus Anolis 47
Genus Ctenosaura 48
Genus Dipso-saurus 48
Genus Crotaphytus 49
Genus Sauromalus 51
Genus Callisaurus 52
Genus Uma 53
Genus Holbrookia 53
Genus Uta 55
Genus Sator 59
Genus Sceloporus 60
Genus Phrynosoma 66
Family Anguidae 69
Genus Ophisaurus 69
Genus Gerrhonotus 70
Genus Barissia 72
Family Anniellidae 72
Genus Anniella 72

Family Helodermatidae 73
Genus Heloderma 73
Family Xantusiidae 73
Genus Xantusia 73
Family Teiidae 74
Genus Cnemidophorus 74
Family Scincidae 79
Genus Leiolopisma 79
Genus Eumeces 80
Genus Neoseps 83
Family Amphisbaenidae 83
Genus Bipes 83
Genus Rhineura 84
Suborder Serpentes 84
Family Leptotyphlopidae 84
Genus Leptotyphlops 84
Family Boidae 85
Genus Lichanura 85
Genus Charina 86
Family Colubridae 87
Genus Carphophis 87
Genus Abastor 88
Genus Farancia 88
Genus Diadophis 88
Genus Heterodon 91
Genus Liopeltis 92
Genus Opheodrys 93
Genus Coluber 93
Genus Salvadora 97
Genus Phyllorhynchus 97
Genus Elaphe 98
Genus Drymobius 101
Genus Drymarchon 101
Genus Arizona 101
Genus Pituophis 102
Genus Rhadinea 105
Genus Lampropeltis 105
Genus Stilosoma 111
Genus Contia 111
Genus Cemophora 111
Genus Rhinocheilus 112
Genus Sonora 112
Genus Ficimia 113
Genus Hypsiglena 113
Genus Chilomeniscus 114
Genus Natrix 114
Genus Seminatrix 118
Genus Storeria 118

Genus Virginia 119
Genus Potamophis 120
Genus Tropidoclonion 120
Genus Liodytes 121
Genus Thamnophis 121
Genus Coniophanes 126
Genus Oxybelis 127
Genus Leptodeira 127
Genus Trimorphodon 127
Genus Tantilla 128
Family Elapidae 129
Genus Micrurus 129
Genus Micruroides 130
Family Hydrophidae 130
Genus Pelamydrus 130
Family Crotalidae 131
Genus Agkistrodon 131
Genus Sistrurus 131
Genus Crotalus 132
Subclass Synapsida 137
Order Testudinata 137
Family Kinosternidae 137
Genus Sternotherus 137
Genus Kinosternon 138
Family Chelydridae 140
Genus Macrochelys 140
Genus Chelydra 140
Family Testudinidae 141
Genus Clemmys 141
Genus Emys 142
Genus Terrapene 142
Genus Malaclemys 143
Genus Graptemys 144
Genus Chrysemys 146
Genus Pseudemys 147
Genus Deirochelys 149
Genus Gopherus 149
Family Cheloniidae 150
Genus Chelonia 150
Genus Eretmochelys 151
Genus Caretta 151
Family Dermochelidae 152
Genus Dermochelys 152
Family Trionychidae 153
Genus Amyda 153

LIBRARY

AMPHIBIA (*CLASS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 194

CAUDATA (*ORDER*)

OPPEL, Ordn. Rept., 1811, p. 72

PROTEIDA (*SUBORDER*)

COPE, Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 6, 1866, p. 102

NECTURIDAE (*FAMILY*)

Necturus (*GENUS*)

RAFINESQUE, Journ. Phys. Chim. Hist. Nat., Vol. 88, June, 1819, p. 418
TYPE: *maculatus* = maculosus

Necturus maculosus maculosus (RAFINESQUE)

MUDPUPPY, WATERDOG

Sirena maculosa RAFINESQUE
Amer. Month. Mag. Crit. Rev., Vol. 4, No. 1, Nov. 1818, p. 41.
Necturus maculosus RAFINESQUE
Ann. Nat., Lexington, No. 1, March 22, 1820, p. 4.
Necturus maculatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 23, fig. 3.

TYPE LOCALITY: Found in the Ohio River.
RANGE: Tributaries of the Great Lakes, the Mississippi River system, the upper Hudson River, and Lake Champlain. Rivers of North and South Carolina, Georgia, and Alabama.

Necturus maculosus lewisi BRIMLEY

Necturus maculosus lewisi BRIMLEY
Journ. Elisha Mitchell Sci. Soc., Vol. 40, Dec. 1924, p. 167.

TYPE LOCALITY: Neuse River, near Raleigh, North Carolina.
RANGE: Lower course of the Neuse River, North Carolina.

Necturus punctatus (GIBBES)

Menobranchus punctatus GIBBES
Proc. Amer. Assoc. Adv. Sci., Charleston, 1850, p. 159.
Necturus punctatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 27, fig. 4.

TYPE LOCALITY: Dr. Schoolbred's plantation on the South Santee River, a few miles from its mouth, South Carolina.

RANGE: Fresh waters of North and South Carolina, especially rice-field ditches.

MUTABILIA (*SUBORDER*)

MERREM, Syst. Amph., 1820, p. 166

AMPHIUMIDAE (*FAMILY*)

Amphiuma (*GENUS*)

GARDEN, Smith's Correspondence of Linnaeus, Vol. 1, 1821, p. 599
TYPE: *means*

Amphiuma means GARDEN

BLIND EEL, CONGO EEL, CONGO SNAKE

Amphiuma means GARDEN
Smith's Correspondence of Linnaeus, Vol. 1, 1821, p. 599 (descr. p. 333).
Amphiuma means COPE
Bull. U. S. Nat. Mus., No. 34, 1899, p. 216.

TYPE LOCALITY: Not stated, but from the context evidently either Charleston or East Florida.

RANGE: From Virginia south to Florida, west to Louisiana.

Amphiuma tridactylum CUVIER

Amphiuma tridactylum CUVIER
Mém. Mus. Hist. Nat. Paris, Vol. 14, 1827, p. 7, pl. 1, figs. 4–6, pl. 2, figs. 9–18.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Northern Florida to southern Mississippi and Louisiana, up the Mississippi Valley at least to Missouri.

CRYPTOBRANCHIDAE (*FAMILY*)

Cryptobranchus (*GENUS*)

LEUCKART, Isis, 1821, Lit. Anz., p. 259
TYPE: *gigantea* = alleganiensis

Cryptobranchus alleganiensis (DAUDIN)

HELL-BENDER

Salamandra alleganiensis DAUDIN
Hist. Nat. Rept., Vol. 8, 1803, p. 231.
Cryptobranchus alleghaniensis VAN DER HOEVEN
Tijdschr. Nat. Geschied. Physiol., Vol. 4, 1837, p. 384.
Cryptobranchus allegheniensis COPE
Bull. U. S. Nat. Mus., No. 34, 1899, p. 38, fig. 5.

TYPE LOCALITY: Allegheny Mountains in Virginia.

RANGE: Western New York, Ohio River and tributaries, and southward to Georgia and Louisiana.

SALAMANDRIDAE (*FAMILY*)

Triturus (*GENUS*)

RAFINESQUE, Anal. Nat., 1815, p. 78
TYPE: *cristatus*

Triturus meridionalis (COPE)

Diemyctylus miniatus, subsp. *meridionalis* COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 30.
Triturus meridionalis DUNN
Bull. Mus. Comp. Zoöl., Vol. 62, 1918, p. 452.
Diemyctylus viridescens meridionalis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 211, fig. 54.

TYPE LOCALITY: Matamoros, Tamaulipas, Mexico.

RANGE: Texas and Tamaulipas.

Triturus torosus (RATHKE)

GIANT NEWT, CALIFORNIA NEWT

Triton torosus RATHKE (in ESCHSCHOLTZ)
Zoöl. Atlas, Pt. 5, 1883, p. 12, pl. 21, fig. 15.
Notophthalmus torosus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.
Diemyctylus torosus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 204, fig. 51.

TYPE LOCALITY: Surroundings of the Bay of San Francisco, California.

RANGE: California, Oregon and Washington.

Triturus viridescens viridescens (RAFINESQUE)

COMMON NEWT (AQUATIC FORM), RED EFT OR EBBET (TERRESTRIAL FORM)

Triturus viridescens RAFINESQUE
Ann. Nat., Lexington, No. 1, March 22, 1820, p. 5.

Notophthalmus viridescens BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.
Diemyctylus viridescens COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 207, figs. 52–53.

TYPE LOCALITY: Lake George, Lake Champlain.

RANGE: Eastern North America, Hudson Bay to Texas, west Illinois, Michigan, Missouri to Oklahoma, and southeastern Kansas.

Triturus viridescens symmetrica (HARLAN)

Salamandra symmetrica HARLAN
Journ. Ac. Nat. Sci. Phila., Vol. 5, 1825, p. 157.
Notophthalmus viridescens vittatus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 8.
Triturus dorsalis DUNN
Bull. Mus. Comp. Zoöl., Vol. 62, 1918, p. 452.
Triturus viridescens symmetrica SCHMIDT
Copeia, No. 132, 1924, p 67.

TYPE LOCALITY: South Carolina.

RANGE: North Carolina to northern Florida; west to Louisiana. (In the coastal plain.)

AMBYSTOMIDAE (*FAMILY*)

Ambystoma (*GENUS*)

TSCHUDI, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92
TYPE: *subviolacea* = maculatum

Ambystoma annulatum COPE

Amblystoma annulatum COPE
Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 525.
Linguaelapsus annulatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 115, fig. 25.

TYPE LOCALITY: Unknown.

RANGE: Arkansas and Missouri.

Ambystoma cingulatum COPE

Amblystoma cingulatum COPE
Proc. Ac. Nat. Sci. Phila., 1867, p. 205.
Chondrotus cingulatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 100, p. 455, fig. 116.

TYPE LOCALITY: Grahamville, South Carolina.

RANGE: South Carolina to northern Florida and Alabama.

Ambystoma decorticatum COPE

Amblystoma decorticatum COPE
Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 522.
Chondrotus decorticatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 107, fig. 22.

TYPE LOCALITY: Port Simpson, British Columbia.

RANGE: Coastal region of southeastern Alaska and British Columbia to the Olympic Peninsula in Washington.

Ambystoma gracile (BAIRD)

Siredon gracilis BAIRD
Pacif. R. R. Rep., Vol. 10, Williamson's Route, Pt. 4, No. 4, 1859, p. 13, pl. 44, fig. 2.
Ambystoma paroticum BAIRD
Stejneger and Barbour Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 6.
Ambystoma gracile DUNN
Copeia, No. 154, May 20, 1926, p. 136.
Chondrotus paroticus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 105, fig. 21.

TYPE LOCALITY: Cascade Mountains, Oregon, lat. 44° N.

RANGE: Northern California to British Columbia, Vancouver Island.

Ambystoma jeffersonianum (GREEN)

Salamandra jeffersoniana GREEN
Contr. Maclur. Lyc., Vol. 1, No. 1, Jan. 1827, p. 4, pl. 1, fig. 1.
Ambystoma jeffersoniana BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 283.
Amblystoma jeffersonianum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 89, figs. 15–16.

TYPE LOCALITY: Near Jefferson College, Cannonsburg, Pennsylvania.

RANGE: Canada (to Hudson Bay and Labrador) and New England, southward to Virginia, westward to Wisconsin, Illinois, and Arkansas.

Ambystoma mabeei BISHOP

Ambystoma mabeei BISHOP
Journ. Elisha Mitchell Sci. Soc., Vol. 43, No. 3–4, 1928, p. 157.

TYPE LOCALITY: Low grounds of the Black River near Dunn, North Carolina.

RANGE: Apparently a restricted area about the type locality.

Ambystoma macrodactylum BAIRD

Ambystoma macrodactyla BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 292.
Amblystoma macrodactylum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 95, fig. 17.
Ambystoma epixanthum STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 9.

TYPE LOCALITY: Astoria, Oregon.

RANGE: Northern California to British Columbia and Alberta, Idaho and Montana, probably eastward to and certainly in Iowa.

Ambystoma maculatum (SHAW)

SPOTTED SALAMANDER

Lacerta maculata SHAW
Gen. Zool., Vol. 3, Pt. 1, 1802, p. 304.
Ambystoma maculatum STEJNEGER
Proc. Biol. Soc. Washington, Vol. 15, Dec. 16, 1902, p. 239.
Amblystoma punctatum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 56, fig. 9.

TYPE LOCALITY: Carolina (based on Catesby, Nat. Hist. Carolina, Ed. 1, Appendix, 1748, pl. 10, fig. 10).

RANGE: Nova Scotia west to Wisconsin, southward to Georgia (and possibly from Florida) and Texas.

Ambystoma opacum (GRAVENHORST)

MARBLED SALAMANDER

Salamandra opaca GRAVENHORST
Vergl. Uebers. Zool. Syst., 1807, p. 431.
Ambystoma opaca BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 283.
Amblystoma opacum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 54, fig. 8.

TYPE LOCALITY: New York.

RANGE: From Massachusetts to Georgia, west to Louisiana and Texas, Mississippi basin north to Arkansas, Missouri, Indiana, and Illinois.

Ambystoma talpoideum (HOLBROOK)

MOLE SALAMANDER

Salamandra talpoidea HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 117, pl. 29.
Ambystoma talpoideum GRAY
Cat. Batr. Grad. Brit. Mus., 1850, p. 36.

Amblystoma talpoideum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 52, fig. 7.

TYPE LOCALITY: Sea Islands on the border of South Carolina.

RANGE: South Atlantic and Gulf States, North Carolina to Louisiana and northward to Illinois.

Ambystoma texanum (MATTHES)

Salamandra texana MATTHES
Allg. deutsche naturh. Zeitschr., N. S., Vol. 1, 1855, p. 266.
Amblystoma texanum BAIRD
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 29, pl. 35, fig. 15.
Ambystoma microstomum STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 6.
Chondrotus texanus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 104, fig. 20.

TYPE LOCALITY: "Das erste Exemplar fand ich . . . im Urwalde am Rio Colorado, das zweite ebenfalls . . . im Cumming's Creeck [sic] Bottom, Fayette County."

RANGE: Ohio to Kansas and Nebraska, east to Illinois and south to North Carolina, Tennessee, Mississippi, Louisiana and Texas.

Ambystoma tigrinum (GREEN)

TIGER SALAMANDER

Salamandra tigrina GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 5, 1825, p. 116.
Ambystoma tigrina BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.
Amblystoma tigrinum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 68, figs. 12–13.

TYPE LOCALITY: Near Moorestown, New Jersey.

RANGE: Widely distributed over almost all the United States, east of the Cascade Range and Sierra Nevada, and extending southward over the northern portion of the Mexican plateau.

Dicamptodon (*GENUS*)

STRAUCH, Mém. Acad. Sci. St. Pétersb., Ser. 7, Vol. 16, No. 4, 1870, p. 68
TYPE: *ensatus*

Dicamptodon ensatus (ESCHSCHOLTZ)

Triton ensatus ESCHSCHOLTZ
Zool. Atlas, Pt. 5, 1833, p. 6, pl. 22.
Dicamptodon ensatus STRAUCH
Mém. Ac. Sci. St. Pétersb., Ser. 7, Vol. 16, No. 4, 1870, p. 69.

Ambystoma tenebrosum STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 11.
Dicamptodon aterrimus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 7.

TYPE LOCALITY: California, environs of Bay of San Francisco.

RANGE: Central California to southern coastal region of British Columbia, east of Sierras to Pullman, Washington.

Rhyacotriton (*GENUS*)

DUNN, Proc. N. Engl. Zoöl. Club, Vol. 7, 1920, p. 56
TYPE: *olympicus*

Rhyacotriton olympicus (GAIGE)

Ranodon olympicus GAIGE
Occ. Papers Mus. Zool. Univ. Michigan, No. 40, May 30, 1917, p. 2, pl. 1.
Rhyacotriton olympicus DUNN
Proc. N. Engl. Zoöl. Club, Vol. 7, 1920, p. 56.
Ranodon olympicus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 13.

TYPE LOCALITY: Lake Cushman, Washington.

RANGE: Western Washington south to Oregon in the mountains.

PLETHODONTIDAE (*FAMILY*)

Batrachoseps (*GENUS*)

BONAPARTE, Iconogr. Fauna Italica, Vol. 2, Fasc. 26, 1839, fol. 131 * * * (not paged)
TYPE: *attenuatus*

Batrachoseps attenuatus attenuatus (ESCHSCHOLTZ)

Salamandrina attenuata ESCHSCHOLTZ
Zool. Atlas, Pt. 5, 1833, p. 1, pl. 21, figs. 1–14.
Batrachoseps attenuatus COOPER
Pacif. R. R. Surv., Vol. 12, Pt. 3, 1858, Zoöl., p. viii, pl. 31, fig. 5.
Batrachoseps attenuatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 127, fig. 28.
Batrachoseps attenuatus attenuatus BERRY CAMPBELL
Copeia, 1931, No. 3, Oct. 30, p. 133.

TYPE LOCALITY: Environs of Bay of San Francisco, Calif.

RANGE: Southwestern Oregon, California, to Los Angeles County; Pacific Border Province, and Sierra Nevada.

Batrachoseps attenuatus caudatus Cope

Batrachoseps caudatus Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 126, fig. 27.
Batrachoseps attenuatus caudatus Berry Campbell
Copeia, 1931, No. 3, Oct. 30, p. 133.

TYPE LOCALITY: Hassler Harbor, Alaska. (Probably on Anette Island, S. E. Alaska.)

RANGE: Known only from type locality and doubtfully from Yukatat Bay.

Batrachoseps attenuatus leucopus (Dunn)

Batrachoseps leucopus Dunn
Copeia, No. 109, Aug. 15, 1922, p. 60.
Batrachoseps attenuatus leucopus Berry Campbell
Copeia, 1931, No. 3, Oct. 30, p. 133

TYPE LOCALITY: North Island, Los Coronados Islands.

RANGE: Los Coronados Islands; Lower California, and adjacent coast of California.

Batrachoseps pacificus pacificus (Cope)

Hemidactylium pacificum Cope
Proc. Ac. Nat. Sci. Phila., 1865, p. 195.
Batrachoseps pacificus Cope
Proc. Ac. Nat. Sci. Phila., 1869, p. 99.
Batrachoseps pacificus Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 129.
Batrachoseps pacificus pacificus Berry Campbell
Copeia, 1931, No. 3, Oct. 30, p. 133.

TYPE LOCALITY: Santa Barbara (?), California.

RANGE: San Miguel, Santa Rosa and Santa Cruz Islands off the coast of California.

Batrachoseps pacificus major (Camp)

Batrachoseps major Camp
Univ. California Publ. Zool., Vol. 12, No. 12, Apr. 2, 1915, p. 327.
Batrachoseps pacificus major Berry Campbell
Copeia, 1931, No. 3, Oct. 30, p. 133.

TYPE LOCALITY: Sierra Madre, 1000 feet elevation, Los Angeles Co., California.

RANGE: Los Angeles, Riverside and Orange Counties, southwestern California.

Batrachoseps pacificus catalinae (Dunn)

Batrachoseps catalinae Dunn
Copeia, No. 109, Aug. 15, 1922, p. 62.
Batrachoseps pacificus catalinae Berry Campbell
Copeia, 1931, No. 3, Oct. 30, p. 133.

TYPE LOCALITY: Santa Catalina Island.
RANGE: Same.

Hemidactylium (*GENUS*)

Tschudi, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 94
TYPE: *scutatum*

Hemidactylium scutatum (Schlegel)

FOUR-TOED SALAMANDER

Salamandra scutata Schlegel
Fauna Japonica, Saur. Batr., 1838, p. 119.
Hemidactylium scutatum Tschudi
Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 94.
Hemidactylium scutatum Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 130, fig. 29.

TYPE LOCALITY: Nashville, Tennessee.
RANGE: Massachusetts, southern Canada westward to Michigan, south to Georgia and the Gulf States, also Arkansas and Illinois.

Plethodon (*GENUS*)

Tschudi, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92
TYPE: *glutinosus*

Plethodon cinereus (Green)

REDBACKED SALAMANDER, DUSKY SALAMANDER (NAMES FOR THE TWO COLOR PHASES)

Salamandra cinerea Green
Journ. Ac. Nat. Sci. Phila., Vol. 1, Pt. 2, Sept. 1818, p. 356.
Plethodon cinereus Tschudi
Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92.
Plethodon cinereus Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 133, fig. 30.

TYPE LOCALITY: New Jersey.
RANGE: Cape Breton Island west to Fort William Ontario, south to Dallas, Georgia, Missouri and Arkansas.

Plethodon clemsonae BRIMLEY [1]

Plethodon clemsonae [1] BRIMLEY
Copeia, No. 164, July–Sept. 1927, p. 73.

TYPE LOCALITY: Jocassee, S. C.

RANGE: Same.

Plethodon dorsalis (COPE)

Plethodon cinereus dorsalis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 138.
Plethodon dorsalis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 15.

TYPE LOCALITY: Salem, Massachusetts (?), and Louisville, Kentucky.

RANGE: Western Pennsylvania, southern Ohio, southern Indiana, central Kentucky, Tennessee, and Alabama.

Plethodon elongatus VAN DENBURGH

Plethodon elongatus VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 4, Vol. 6, No. 7, May 12, 1916, p. 216.

TYPE LOCALITY: Requa, Del Norte Co., California.

RANGE: Requa, Del Norte Co., California.

Plethodon glutinosus (GREEN)

SLIMY SALAMANDER

Salamandra glutinosa GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 1, Pt. 2, Sept. 1818, p. 357.
Plethodon glutinosus TSCHUDI
Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92.
Plethodon glutinosus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 139, fig. 31.

TYPE LOCALITY: Not mentioned but obviously Princeton, New Jersey. Here Green lived, and he mentions often finding the creature under stones.

RANGE: Southern New York to Wisconsin, south to northern Florida, the Gulf States to Texas and to Missouri.

Plethodon intermedius BAIRD

Plethodon intermedius BAIRD
Proc. Ac. Nat. Sci. Phila., 1867, p. 209.
Plethodon intermedius COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 145, fig. 33.

[1] It has been suggested that this is *P. metcalfi*, and this is probably a correct view.

TYPE LOCALITY: Fort Tejon, California (?).

RANGE: Vancouver Island; Fraser River, British Columbia south to Salem, Oregon.

Plethodon jordani BLATCHLEY

Plethodon jordani BLATCHLEY
25 Ann. Rep. Dept. Geol. Indiana, 1900 (1901), p. 762.

TYPE LOCALITY: Mt. Collins and Indian Pass, 3000–5000 feet altitude, Sevier Co., Tenn.

RANGE: Tennessee and North Carolina (Great Smoky Mountains).

Plethodon metcalfi BRIMLEY

Plethodon metcalfi BRIMLEY
Proc. Biol. Soc. Washington, Vol. 25, Dec. 4, 1912, p. 138, pl. 6, figs. 1, 2, 4, 7–11.

TYPE LOCALITY: Sunburst, Haywood Co., North Carolina.

RANGE: Southwestern Virginia south through western North Carolina, northern Georgia and northeastern Alabama. It apparently occupies all the ranges of the Southern Blue Ridge except the Great Smokies and the Nantahalas.

Plethodon shermani STEJNEGER

Plethodon shermani STEJNEGER
Proc. U. S. Nat. Mus., Vol. 30, May 22, 1906, p. 559, fig. 1.

TYPE LOCALITY:[1] Wayah Bald Mountain, North Carolina.

RANGE: Southwestern North Carolina (Nantahala Mountains).

Plethodon vandykei VAN DENBURGH

Plethodon vandykei VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 3, Zool., Vol. 4, March 14, 1906, p. 61.

TYPE LOCALITY: Paradise Valley, Mt. Rainier Park, Washington.

RANGE: Western Washington (Cascade and Olympic Mountains).

Plethodon wehrlei FOWLER and DUNN

Plethodon wehrlei FOWLER and DUNN
Proc. Ac. Nat. Sci. Phila., Vol. 69, 1917, p. 23, pl. 4.

TYPE LOCALITY: Two Lick Hills, Indiana Co., Pennsylvania.

RANGE: Western New York, Pennsylvania and West Virginia. Northern section of Appalachian Plateau.

[1] Originally given as Nantahala Mt. between Andrews and Aquone, North Carolina (in errore). Wayah Bald is, however, in the Nantahala range, but is not between Andrews and Aquone.

Plethodon welleri WALKER

Plethodon welleri WALKER
Proc. Junior Soc. Nat. Sci., Cincinnati, Vol. 2, July 31, 1931, p. 48.

TYPE LOCALITY: Grandfather Mt., above 5000 ft., near Linville, North Carolina.

RANGE: The type locality.

Plethodon yonahlossee DUNN

Plethodon yonahlossee DUNN
Bull. Amer. Mus. Nat. Hist., Vol. 37, Oct. 13, 1917, p. 598.

TYPE LOCALITY: Near the Yonahlossee Road, about 1½ miles from Linville, North Carolina, altitude 4200 feet.

RANGE: Wooded mountains near Linville, North Carolina, and in southwestern Virginia.

Ensatina (*GENUS*)

GRAY, Cat. Batr. Grad. Brit. Mus., 1850, p. 48
TYPE: *eschscholtzii*

Ensatina croceater (COPE)

Plethodon croceater COPE
Proc. Ac. Nat. Sci. Phila., 1867, p. 210.
Ensatina croceater DUNN
Proc. N. Engl. Zool. Club, Vol. 8, Feb. 27, 1923, p. 39.
Plethodon croceater COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 150.
Plethodon croceater STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 14.

TYPE LOCALITY: Fort Tejon, California (?).

RANGE: Eastern California from Placer County to Kern County, in the Sierra Nevada. Lower California (?).

Ensatina eschscholtzii GRAY

Ensatina eschscholtzii GRAY
Cat. Batr. Grad. Brit. Mus., 1850, p. 48.
Plethodon oregonensis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 148, fig. 35.
Plethodon eschscholtzii STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 15.

TYPE LOCALITY: California.

RANGE: Puget Sound to Lower California (Cascade, Olympic, San Bernardino and San Pedro Martir Mountains).

Ensatina sierrae STORER

Ensatina sierrae STORER
Univ. of Calif. Publ. Zool., Vol. 30, No. 16, June, 1929, p. 448.

TYPE LOCALITY: Yosemite Valley, 7300 feet altitude, Mariposa Co., California.

RANGE: Transition Zone of the Sierra Nevada Mountains from Tulare to Eldorado Counties, California.

Typhlotriton (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 15, 1892, p. 115
TYPE: *spelaeus*

Typhlotriton spelaeus STEJNEGER

Typhlotriton spelaeus STEJNEGER
Proc. U. S. Nat. Mus., Vol. 15, Aug. 2, 1892, p. 115, pl. 9.

TYPE LOCALITY: Rock House Cave, Missouri.

RANGE: Ozark Plateau in Missouri, Kansas and Arkansas.

Stereochilus (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 100
TYPE: *marginatus*

Stereochilus marginatus (HALLOWELL)

Pseudotriton marginatus HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1856, p. 130.
Stereochilus marginatum COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 101.
Stereochilus marginatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 152, fig. 36.

TYPE LOCALITY: Liberty County, Georgia.

RANGE: Dismal Swamp Virginia to Liberty County, Georgia, in the Coastal Plain.

Typhlomolge (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 18, 1896, p. 620
TYPE: *rathbuni*

Typhlomolge rathbuni STEJNEGER

Typhlomolge rathbuni STEJNEGER
Proc. U. S. Nat. Mus., Vol. 18, Apr. 15, 1896, p. 620.

TYPE LOCALITY: Artesian well 188 feet deep, at U. S. Fish Commission Station, San Marcos, Hays Co., Texas.

RANGE: Known from the vicinity of the type locality only.

Gyrinophilus (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 108
TYPE: *porphyriticus*

Gyrinophilus porphyriticus porphyriticus (GREEN)

Salamandra porphyritica GREEN
Contr. Maclur. Lyc., Vol. 1, 1827, p. 3, pl. 1, fig. 2.
Gyrinophilus porphyriticus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 108.
Gyrinophilus porphyriticus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 155, fig. 37.

TYPE LOCALITY: French Creek near Meadville, Crawford Co., Pennsylvania.

RANGE: Maine to Ontario, Canada southward through the eastern states to Virginia, Ohio, Tennessee and northern Alabama (Appalachian uplift except southern Blue Ridge; Adirondacks; and the eastern edge of the central Low Plateau).

Gyrinophilus porphyriticus danielsi (BLATCHLEY)

Spelerpes danielsi BLATCHLEY
25 Ann. Rep. Dept. Geol. Indiana, 1900 (1901), p. 760.
Gyrinophilus danielsi FOWLER and DUNN
Proc. Ac. Nat. Sci. Phila., Vol. 69, 1917, p. 19.

TYPE LOCALITY: Mt. Collins and Indian Pass, Sevier Co., Tennessee.

RANGE: Southern section of the Blue Ridge Mountains in western North Carolina and eastern Tennessee. Perhaps South Carolina and Georgia.

Gyrinophilus porphyriticus duryi (WALLER)

Pseudotriton duryi WALLER
Proc. Junior Soc. Nat. Sci., Cincinnati, Vol. 1, 1930, Nos. 5–6, p. [6].

TYPE LOCALITY: Cascade Caves, near Grayson, Carter Co., Kentucky.

RANGE: Northeastern Kentucky and southern Ohio.

Manculus (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 101
TYPE: *quadridigitatus*

Manculus quadridigitatus quadridigitatus (HOLBROOK)
DWARF SALAMANDER

Salamandra quadridigitata HOLBROOK
N. Amer. Herp. Ed. 2, Vol. 5, 1842, p. 65, pl. 21.
Manculus quadridigitatus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 101.
Manculus quadridigitatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 159, fig. 38.

TYPE LOCALITY: Georgia, South Carolina, and Florida.

RANGE: North Carolina south to southern Georgia and westward through the Gulf States to Texas.

Manculus quadridigitatus remifer (COPE)

Manculus remifer COPE
Rep. Peabody Ac. Salem, 1869–1870 (1871), p. 84.
Manculus remifer COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 158.

TYPE LOCALITY: Jacksonville, Florida.

RANGE: East Florida south to Sebastian.

Pseudotriton (*GENUS*)

TSCHUDI, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 60
TYPE: *subfuscus* = *ruber*

Pseudotriton montanus montanus (BAIRD)

Pseudotriton montanus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 293.
Spelerpes ruber montanus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 179.
Eurycea montana STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 19.

TYPE LOCALITY: South Mountain, near Carlisle, Penn.

RANGE: New York, Pennsylvania, southern Ohio to western Georgia, Kentucky, and Tennessee.

Pseudotriton montanus flavissimus (HALLOWELL)

Pseudotriton flavissimus HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1856, p. 130.

TYPE LOCALITY: Liberty County, Georgia.

RANGE: Coastal plain of Georgia to eastern Louisiana.

Pseudotriton ruber ruber (SONNINI)

RED SALAMANDER

Salamandra rubra SONNINI
in Latreille, Hist. Nat. Rept., Vol. 4, 1802, p. 305.
Pseudotriton ruber ruber DUNN
Proc. Biol. Soc. Washington, Vol. 33, Dec. 30, 1920, p. 133.
Spelerpes ruber COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 172, fig. 43.
Eurycea rubra rubra STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 20.

TYPE LOCALITY: United States.

RANGE: From Albany County, New York to northern Florida westward to Ohio, Kentucky, Tennessee, Alabama and northern Mississippi.

Pseudotriton ruber nitidus DUNN

Pseudotriton ruber nitidus DUNN
Proc. Biol. Soc. Washington, Vol. 33, Dec. 30, 1920, p. 133.

TYPE LOCALITY: White Top Mt., Virginia, 4000 feet.

RANGE: Area in southwestern Virginia, northwestern North Carolina and northeastern Tennessee bounded by Stone and Iron Mts. to the west, the Blue Ridge to the east, the Black Mts. to the south; northern plateau of southern Blue Ridge.

Pseudotriton ruber schencki (BRIMLEY)

Spelerpes ruber schencki BRIMLEY
Proc. Biol. Soc. Washington, Vol. 25, Dec. 4, 1912, p. 139, pl. 7, figs. 12, 13, 15, 17, 18, 20–22.
Eurycea rubra schencki STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 20.

TYPE LOCALITY: Sunburst, North Carolina, 3200 feet.

RANGE: Southern Blue Ridge Mts. in southwestern North Carolina and northern Georgia. Reaches 3500 feet in the Balsam Mts.

Eurycea (*GENUS*)

RAFINESQUE, Kentucky Gazette, Lexington, N. S., Vol. 1, No. 9, Feb. 28, 1822, p. 3, column 6
TYPE: *lucifuga*

Eurycea bislineata bislineata (GREEN)

Salamandra bislineata GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 1, Sept. 1818, p. 352.

Eurycea bislineata bislineata DUNN
Proc. Biol. Soc. Washington, Vol. 33, Dec. 30, 1920, p. 134.
Spelerpes bilineatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 163, fig. 40.

TYPE LOCALITY: Western Pennsylvania.

RANGE: Quebec, New Brunswick, to Indiana, Tennessee, and Virginia.

Eurycea bislineata cirrigera (GREEN)

Spelerpes cirrigera GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 6, 1839, p. 253.
Eurycea bislineata cirrigera DUNN
Proc. Biol. Soc. Washington, Vol. 33, Dec. 30, 1920, p. 135.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: North Carolina south through northwestern Florida, west through Alabama and southern Louisiana; western Tennessee.

Eurycea bislineata wilderae DUNN

Eurycea bislineata wilderae DUNN
Proc. Biol. Soc. Washington, Vol. 33, Dec. 30, 1920, p. 134.

TYPE LOCALITY: White Top Mt., Virginia, 4000 feet.

RANGE: The Southern Blue Ridge region from White Top Mountain, Virginia south through North Carolina, South Carolina, and Tennessee to Rabun and Gilmer Counties, Georgia.

Eurycea gutto-lineata (HOLBROOK)

Salamandra gutto-lineata HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 2, 1838, p. 61, pl. 12.
Eurycea gutto-lineata STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 19.
Spelerpes guttolineatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 170, fig. 42.

TYPE LOCALITY: "Carolina in the middle country."

RANGE: Fairfax County, Virginia to Liberty County, Georgia, west to Alabama, Mississippi, and Louisiana. Western Tennessee. Region includes southern Coastal Plain and Piedmont, southern Blue Ridge, and extreme southern part of the Appalachian Valley.

Eurycea longicauda (GREEN)

Salamandra longicauda GREEN
Journ. Ac. Nat. Sci. Phila., Vol. 1, Sept. 1818, p. 351.

Eurycea longicauda STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 19.
Spelerpes longicaudus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 168, fig. 41.

TYPE LOCALITY: New Jersey (probably near Princeton).
RANGE: Central New York to northern Georgia, westward to southern Missouri and northeastern Arkansas.

Eurycea lucifuga RAFINESQUE

Eurycea lucifuga RAFINESQUE
Kentucky Gazette, Lexington, N. S., Vol. 1, No. 9, Feb. 28, 1822, p. 3, column 6.
Gyrinophilus maculicaudus COPE
Amer. Nat., Vol. 24, 1890, p. 967.

TYPE LOCALITY: "Caves near Lexington, Kentucky."
RANGE: West Virginia, Tennessee, and northern Alabama westward through southern Ohio, Kentucky, and southern Indiana to Missouri and northwestern Arkansas.

Eurycea melanopleura (COPE)

Spelerpes melanopleurus COPE
Proc. Ac. Nat. Sci. Phila., 1893, p. 383.
Eurycea melanopleura STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 19.

TYPE LOCALITY: Raley's Creek, White River, Missouri.
RANGE: Franklin and Jasper Counties, Missouri to Pulaski County, Arkansas. Extends into Texas and probably into Oklahoma and Kansas.

Eurycea multiplicata (COPE)

Spelerpes multiplicatus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 106.
Eurycea multiplicata STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 20.
Spelerpes multiplicatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 162, fig. 39.

TYPE LOCALITY: Red River, in eastern Oklahoma.
RANGE: Stone County, Missouri to Pulaski County, Arkansas; the Jemez Mountains, New Mexico. Distribution apparently discontinuous.

Hydromantes (*GENUS*)

GISTEL, Naturg. Thierr., 1848, p. xi
TYPE: *genei*

Hydromantes platycephala (CAMP)

Spelerpes platycephalus CAMP
Univ. Calif. Publ. Zool., Vol. 17, Sept. 18, 1916, p. 11.
Hydromantes platycephalus DUNN
Proc. N. Engl. Zoöl. Club. Vol. 8, Feb. 27, 1923, p. 40.
Eurycea platycephala STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 20.

TYPE LOCALITY: Head of Lyell Cañon, the Yosemite National Park, California, 10,800 feet alt.

RANGE: Head of Lyell Cañon, the Yosemite National Park, California, 10,800 feet alt.

Aneides (*GENUS*)

BAIRD, Iconogr. Encycl., Vol. 2, 1849, Zoöl., p. 257
TYPE: *lugubris*

Aneides aeneus (COPE)

Plethodon aeneus COPE
Amer. Nat., Vol. 15, 1881, p. 878.
Aneides aeneus DUNN
Proc. N. Engl. Zoöl. Club, Vol. 8, Feb. 27, 1923, p. 39.
Plethodon aeneus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 14.
Plethodon aeneus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 143, fig. 32.

TYPE LOCALITY: Nickajack Cave, southern Tennessee.

RANGE: West Virginia to Tennessee, in the Cumberland Mountains.

Aneides ferreus COPE

Anaides ferreus COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 109.
Autodax ferreus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 185, fig. 45.

TYPE LOCALITY: Fort Umpqua, Oregon.

RANGE: Vancouver Island, British Columbia to Mendocino County, California. Northern part of Pacific Border Province.

Aneides flavipunctatus (STRAUCH)

Plethodon flavipunctatus STRAUCH
Mém. Ac. Sci. St. Pétersb., Ser. 7, Vol. 16, No. 4, 1870, p. 71.
Aneides flavipunctatus STORER
Univ. Calif. Publ. Zool., No. 27, 1925, p. 119.
Aneides iëcanus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 18.

TYPE LOCALITY: New Albion, California [probably in Sonoma Co. fide Storer].

RANGE: Northern California, Coast, Klamath and Southern Cascade Ranges.

Aneides lugubris lugubris (HALLOWELL)

Salamandra lugubris HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 4, 1849, p. 126.
Aneides lugubris BAIRD
Iconogr. Encycl., Vol. 2, 1849, Zoöl., p. 257.
Autodax lugubris COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 183, fig. 44.

TYPE LOCALITY: Monterey, California.

RANGE: California; Coronados Islands, Lower California.

Aneides lugubris farallonensis (VAN DENBURGH)

Autodax lugubris farallonensis VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 3, Zool., Vol. 4, 1905, p. 5, pl. 2.
Aneides lugubris farallonensis GRINNELL and CAMP
Univ. California Publ. Zool., Vol. 17, July 11, 1917, p. 135.

TYPE LOCALITY: South Farallon Island, California.

RANGE: The Farallon Islands.

Desmognathus (*GENUS*)

BAIRD, Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, pp. 282, 285
TYPE: *fuscus*

Desmognathus brimleyorum STEJNEGER

Desmognathus brimleyorum STEJNEGER
Proc. U. S. Nat. Mus., Vol. 17, May 11, 1895, p. 597.

TYPE LOCALITY: Hot Springs, Arkansas.

RANGE: Arkansas, Texas, and Oklahoma.

Desmognathus fuscus fuscus (RAFINESQUE)

Triturus fuscus RAFINESQUE
Ann. Nat., Lexington, No. 1, March 22, 1920, p. 4.

Desmognathus fuscus Baird
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 285.
Desmognathus fusca fusca Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 194, fig. 48.

TYPE LOCALITY: Northern parts of State of New York.

RANGE: St. John's River, New Brunswick to northwestern Florida, Mississippi, and Illinois. Manitoba?

Desmognathus fuscus auriculatus (Holbrook)

Salamandra auriculata Holbrook
N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 115, pl. 28.
Desmognathus fusca auriculata Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 195, fig. 49.
Desmognathus auriculatus Baird
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 286.

TYPE LOCALITY: Riceborough, Georgia.

RANGE: Lowlands from Virginia to Florida, west to Mississippi in the coastal plain.

Desmognathus ochrophaeus ochrophaeus (Cope)

Desmognathus ochrophaea Cope
Proc. Ac. Nat. Sci. Phila., 1859, p. 124.
Desmognathus ochrophaea Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 191, fig. 47.

TYPE LOCALITY: Susquehanna County, Pennsylvania.

RANGE: Clinton County, New York to Garrett County, Maryland, west to Columbus, Ohio, in the Allegheny Plateau and the Appalachian Valley.

Desmognathus ochrophaeus carolinensis Dunn

Desmognathus ochrophaea carolinensis Dunn
Proc. Biol. Soc. Washington, Vol. 29, April 4, 1916, p. 74.

TYPE LOCALITY: Mt. Mitchell, North Carolina, over 6500 feet.

RANGE: Beverly, West Virginia to Gwinnett County, Georgia (in the mountains).

Desmognathus phoca (Matthes)

Salamandra phoca Matthes
Allg. deutsche naturh. Zeitschr., N. S., Vol. 1, 1855, p. 273.
Desmognathus phoca Dunn
Proc. N. Engl. Zoöl. Club, Vol. 8, Feb. 27, 1923, p. 39.
Desmognathus monticola Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 22.

TYPE LOCALITY: Taylor's Creek near Newport, Kentucky.
RANGE: Appalachian Mt. ranges from Pennsylvania southward to Toccoa, Georgia and Newport, Kentucky.

Desmognathus quadra-maculatus (HOLBROOK)

Salamandra quadra-maculata HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 4, 1840, pl. 26 misprinted 27. (The text, p. 121, reads *maculo-quadrata*.)
Desmognathus quadrimaculata STEJNEGER
Proc. U. S. Nat. Mus., Vol. 26, Jan. 29, 1903, p. 557.

TYPE LOCALITY: Georgia and the Carolinas.
RANGE: Virginia to Georgia, in the mountains, 2000–6000 feet.

Leurognathus (*GENUS*)

MOORE, Proc. Ac. Nat. Sci. Phila., 1899, p. 316
TYPE: *marmorata*

Leurognathus marmorata MOORE

Leurognathus marmorata MOORE
Proc. Ac. Nat. Sci. Phila., 1899, p. 316.

TYPE LOCALITY: South Slope Grandfather Mt., North Carolina, 3500 feet.
RANGE: Grandfather and Roan Mountains in North Carolina, and Lee Mountain, South Carolina.

Leurognathus marmorata intermedia POPE

Leurognathus marmorata intermedia POPE
Amer. Mus. Nov., No. 306, April 14, 1928, pp. 1–19.

TYPE LOCALITY: Davis Gap, Waynesville, North Carolina.
RANGE: Lee Mountain, North Carolina.

MEANTES (*SUBORDER*)

LINNÉ, Syst. Nat., Ed. 12, Vol. 1, Pt. 2, 1766, sign. Rrrr 5, Addenda (not paged)

SIRENIDAE (*FAMILY*)

Siren (*GENUS*)

LINNÉ, Syst. Nat., Ed. 12, Vol. 1, Pt. 2. 1766, sign. Rrrr 5, Addenda (not paged)
TYPE: *lacertina*

Siren intermedia Le Conte

Siren intermedia Le Conte
Journ. Ac. Nat. Sci. Phila., Vol. 5, Pt. 2, 1827, p. 322.[1]
Siren intermedia Noble and Marshall
Amer. Mus. Nov., No. 532, 1932, p. 1.

TYPE LOCALITY: "Southern States."

RANGE: Eastern Virginia to Florida, through the Gulf States west to Texas.

Siren lacertina Linné

MUD-EEL

Siren lacertina Linné
Syst. Nat., Ed. 12, Vol. 1, Pt. 2, 1766, sign. Rrrr 5, Addenda (not paged).
Siren lacertina Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 226, fig. 57.

TYPE LOCALITY: "Habitat in Carolinae paludosis."

RANGE: Eastern Virginia to Florida, through the Gulf States to the west side of the Rio Grande; Mississippi Valley to Illinois and Indiana; in scattered localities in Arkansas and Missouri.

Pseudobranchus (*GENUS*)

Gray, Ann. Philos., N. S., Vol. 10, 1825, p. 216
TYPE: *striatus*

Pseudobranchus striatus (Le Conte)

Siren striata Le Conte
Ann. Lyc. Nat. Hist. New York, Vol. 1, Pt. 1, 1824, p. 53, pl. 4.
Pseudobranchus striatus Gray
Ann. Philos., N. S., Vol. 10, 1825, p. 216.
Pseudobranchus striatus Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 230, fig. 58.

TYPE LOCALITY: Not given, but by inference it was one of the Le Conte plantations in Floyd or Liberty County, Georgia.

RANGE: Swamps of southern South Carolina, lower Georgia and Florida.

[1] Not as cited by Noble, Amer. Mus. Nov., No. 532, 2 June 1932, p. 2.

SALIENTIA (*ORDER*)

LAURENTI, Syn. Rept., 1768, p. 24

COSTATA (*SUBORDER*)

LATASTE, Act. Soc. Linn. Bordeaux, Vol. 33, 1879, p. 339

ASCAPHIDAE (*FAMILY*)

Ascaphus (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 21, June 20, 1899, p. 899
TYPE: *truei*

Ascaphus truei STEJNEGER

Ascaphus truei STEJNEGER
Proc. U. S. Nat. Mus., Vol. 21, June 20, 1899, p. 900, figs. 1–4, pl. 89.

TYPE LOCALITY: Humptulips, Washington.

RANGE: Chehalis County and Pierce County, Washington, Mt. Rainier in the Cascade Range, the Olympic Mountains, south to Humboldt County, California and east to Montana.

LINGUATA (*SUBORDER*)

GRAVENHORST, Thierreich, 1845, p. 43

SCAPHIOPODIDAE (*FAMILY*)

Scaphiopus (*GENUS*)

HOLBROOK, N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 85
TYPE: *solitarius* = holbrookii

Scaphiopus couchii BAIRD

Scaphiopus couchii BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.
Scaphiopus couchii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 301, fig. 75.

TYPE LOCALITY: Rio Nasas, Coahuila, and Matamoros, Tamaulipas, Mexico.

RANGE: Texas to Arizona, northern states of Mexico, Lower California.

Scaphiopus hammondii Baird

Scaphiopus hammondii Baird
Rep. Pacif. R. R. Surv., Vol. 10, Williamson's Route, Pt. 4, 1859, p. 12, pl. 28, fig. 2.
Spea hammondii Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 303, fig. 77.

TYPE LOCALITY: Fort Reading, California.

RANGE: Western and southwestern states from Montana south to Texas and Mexico and westward to the Pacific coast states and northern Lower California.

Scaphiopus holbrookii holbrookii (Harlan)

SPADEFOOT

Rana holbrookii Harlan
Med. Phys. Researches, 1835, p. 105.
Scaphiopus hurterii Strecker
Stejneger and Barbour, Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 23.
Scaphiopus holbrookii Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 298.

TYPE LOCALITY: South Carolina.

RANGE: Eastern states, Massachusetts to Florida, west to Louisiana, Texas to Arkansas.

Scaphiopus holbrookii albus (Garman)

Scaphiopus albus Garman
Proc. Amer. Assoc. Adv. Sci., Buffalo, 1877, p. 194.
Scaphiopus holbrookii albus Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 26.

TYPE LOCALITY: Key West, Florida.

RANGE: Florida Keys and possibly the extreme southern part of the peninsula of Florida.

BUFONIDAE (*FAMILY*)

Bufo (*GENUS*)

Laurenti, Syn. Rept., 1768, p. 25
TYPE: *vulgaris* = bufo

Bufo alvarius Girard

Bufo alvarius Girard
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 26, pl. 41, figs. 1–6.
Bufo alvarius Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 265, fig. 62.

TYPE LOCALITY: Valley of the Gila and Colorado Rivers.
RANGE: Southern Arizona and southern California.

Bufo americanus americanus HOLBROOK

AMERICAN TOAD

Bufo americanus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 75, pl. 2.
Bufo lentiginosus americanus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 284, fig. 70.

TYPE LOCALITY: "From Maine through all the Atlantic States."
RANGE: Eastern North America from Hudson Bay to Alberta and Labrador southward.

Bufo americanus copei YARROW and HENSHAW

Bufo americanus copei YARROW and HENSHAW
Rept. Rep. & Batr. Cal. Ariz. Nev., 1878, p. 4.
Bufo americanus copei GAIGE
Copeia, 1932, No. 3, p. 134.

TYPE LOCALITY: James Bay, Ontario.
RANGE: Northern Ontario.

Bufo boreas boreas (BAIRD and GIRARD)

Bufo boreas BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Bufo columbiensis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 267, fig. 63.

TYPE LOCALITY: Columbia River and Puget Sound.
RANGE: Colorado north and west to Puget Sound. Also British Columbia and southwestern Alaska to Prince William Sound.

Bufo boreas halophilus (BAIRD and GIRARD)

Bufo halophila BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 301.
Bufo boreas halophilus CAMP
Univ. California Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 116.
Bufo columbiensis halophilus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 269, fig. 64.

TYPE LOCALITY: Benicia, California.
RANGE: Western Nevada, south central California, south to northern Lower California.

Bufo californicus (CAMP)

Bufo cognatus californicus CAMP
Univ. California Publ. Zool., Vol. 12, April 2, 1915, p. 331.

Bufo californicus MYERS
Proc. Biol. Soc. Wash., Vol. 43, Mch. 12, 1930, p. 73.

TYPE LOCALITY: Sta. Paula, Ventura Co., California.

RANGE: Extreme southern California and northern Lower California.

Bufo canorus CAMP

Bufo canorus CAMP
Univ. California Publ. Zool., Vol. 17, No. 6, Nov. 17, 1916, p. 59.

TYPE LOCALITY: Porcupine Flat, Yosemite National Park, California.

RANGE: Region about Porcupine Flat, Yosemite National Park, California.

Bufo cognatus (SAY)

Bufo cognatus SAY
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 190.
Bufo cognatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 275, fig. 67.

TYPE LOCALITY: Arkansas River, Prowers Co., Colorado.

RANGE: Arizona, Utah, and Colorado to Texas, Arkansas to Kansas, southern Wyoming, and North Dakota.

Bufo compactilis WIEGMANN

Bufo compactilis WIEGMANN
Isis, 1833, p. 661.
Bufo compactilis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 272, fig. 65.

TYPE LOCALITY: Mexico.

RANGE: Northern Mexico, Texas, New Mexico, and Arizona.

Bufo debilis GIRARD

Bufo debilis GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 87.
Bufo debilis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 264, fig. 61.

TYPE LOCALITY: Lower part of the valley of the Rio Grande, Texas, and in Tamaulipas, Mexico.

RANGE: Colorado south into the northern states of Mexico.

Bufo fowleri HINCKLEY

FOWLER'S TOAD

Bufo fowleri HINCKLEY
Proc. Boston Soc. Nat. Hist., Vol. 21, 1882, p. 310.

Bufo lentiginosus fowleri COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 279, fig. 68.

TYPE LOCALITY: Milton, Massachusetts.

RANGE: New England and New York, southward to Georgia, west to Michigan and Missouri, but occurring also on the Atlantic and Gulf coastal plain to central Texas. (Not known in peninsular Florida.)

Bufo hemiophrys COPE

Bufo hemiophrys COPE
Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 515.
Bufo hemiophrys COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 273, fig. 66.

TYPE LOCALITY: Pembina and Turtle Mountains, North Dakota.

RANGE: Alberta, Manitoba, Northwest Territory, and North Dakota.

Bufo marinus (LINNÉ)

Rana marina LINNÉ
Syst. Nat., Ed. 10, 1758, Vol. 1, p. 211.
Bufo marinus SCHNEIDER
Hist. Amph., Pt. 1, 1799, p. 219.
Bufo marinus BOULENGER
Cat. Batr. Sal. Brit. Mus., 1882, p. 315.

TYPE LOCALITY: America.

RANGE: Central and Tropical South America, entering the United States about Brownsville, Texas.

Bufo punctatus BAIRD and GIRARD

Bufo punctatus BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 173.
Bufo punctatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 262, fig. 60.

TYPE LOCALITY: Rio San Pedro, tributary of the Rio Grande del Norte, Texas.

RANGE: Western Texas, Arizona, Utah, Colorado, southern California, and Lower California.

Bufo quercicus HOLBROOK

Bufo quercicus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 109, pl. 22.
Bufo quercicus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 291, fig. 72.

TYPE LOCALITY: Charleston, South Carolina, and Smithville, North Carolina.

RANGE: North Carolina to Alabama and Florida, and west to Louisiana.

Bufo terrestris (BONNATERRE)

SOUTHERN TOAD

Rana terrestris BONNATERRE
Tabl. Encycl. Méth., Erp., 1789, p. 8.
Bufo lentiginosus lentiginosus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 289, fig. 71.

TYPE LOCALITY: "La Caroline."

RANGE: The Carolinas to Florida, west to the Mississippi.

Bufo valliceps WIEGMANN

Bufo valliceps WIEGMANN
Isis, 1833, p. 657.
Bufo valliceps COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 292, fig. 73.

TYPE LOCALITY: Mexico.

RANGE: Louisiana, New Mexico, Texas south to Costa Rica.

Bufo woodhousii GIRARD

Bufo woodhousii GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 86.
Bufo lentiginosus woodhousei COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 281, fig. 69.

TYPE LOCALITY: "New Mexico" = San Francisco Mountain, Coconino County, Arizona.

RANGE: Texas to Kansas, Nebraska and Montana, west to Nevada, Arizona, and southeastern California.

HYLIDAE (*FAMILY*)

Acris (*GENUS*)

DUMÉRIL and BIBRON, Erp. Gén., Vol. 8, 1841, p. 506
TYPE: *gryllus*

Acris gryllus (LE CONTE)

CRICKET-FROG

Rana gryllus LE CONTE
Ann. Lyc. Nat. Hist., New York, Vol. 1, Pt. 2, 1825, p. 282.
Acris gryllus DUMÉRIL and BIBRON
Erp. Gén., Vol. 8, 1841, p. 507.

Acris gryllus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 324, fig. 82.

TYPE LOCALITY: Not given.

RANGE: Florida to New York in the east; northward through the central valley from Louisiana and Texas to the Canadian Northwest Territories.

Pseudacris (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 31
TYPE: *nigrita*

Pseudacris brachyphona (COPE)

Chorophilus feriarum brachyphonus COPE
Bull. U. S. Nat. Mus., 1889, No. 34, p. 341.
Pseudacris brachyphona WALKER
Ohio Journ. Sci., Vol. 32, No. 4, 1932, p. 379.

TYPE LOCALITY: "West Pennsylvania, near the Kiskiminitas River."

RANGE: Eastern Ohio, West Virginia, western Pennsylvania and western Maryland.

Pseudacris nigrita nigrita (LE CONTE)

Rana nigrita LE CONTE
Ann. Lyc. Nat. Hist., New York, Vol. 1, Pt. 2, 1825, p. 282.
Pseudacris nigrita GÜNTHER
Cat. Batr. Sal. Brit. Mus. 1858, p. 97.
Chorophilus nigritus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 337, fig. 85.

TYPE LOCALITY: Not given.

RANGE: South Carolina, south through Florida, west to Mississippi.

Pseudacris nigrita clarkii (BAIRD)

Helocaetes clarkii BAIRD
Proc. Ac. Nat. Hist., Phila., Vol. 7, 1854, p. 60.

TYPE LOCALITY: Galveston and Indianola, Texas.

RANGE: Same.

Pseudacris nigrita feriarum (BAIRD)

Helocaetes feriarum BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 60.
Pseudacris feriarum COPE
Proc. Ac. Nat. Sci. Phila., 1862, p. 157.

Chorophilus feriarum COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 339, fig. 86.

TYPE LOCALITY: Carlisle, Pennsylvania.

RANGE: Eastern United States, west to Illinois.

Pseudacris nigrita occidentalis (BAIRD and GIRARD)

Litoria occidentalis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phil., Vol. 6, 1853, p. 301.

Pseudacris occidentalis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 30.

Chorophilus occidentalis COPE
Bull. U. S. Nat. Mass., No. 34, 1889, p. 335.

TYPE LOCALITY: The type was incorrectly stated to have come from San Francisco.

RANGE: Arkansas and Texas.

Pseudacris nigrita septentrionalis (BOULENGER)

Chorophilus septentrionalis BOULENGER
Cat. Batr. Sal. Brit. Mus., 1882, p. 335, pl. 23, fig. 1.

Pseudacris septentrionalis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 31.

TYPE LOCALITY: Great Bear Lake, Canada.

RANGE: Canadian northwestern swamp areas.

Pseudacris nigrita triseriata (WIED)

Hyla triseriata WIED
Reise Nord-Amer., Vol. 1, Pt. 4, 1838, p. 249.

Pseudacris triseriata STEJNEGER and BARBOUR.
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 31.

Chorophilus triseriatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 342, fig. 87.

TYPE LOCALITY: Mt. Vernon, Ohio River, Indiana.

RANGE: Allegheny Mts. to New Mexico, Arizona, and Idaho.

Pseudacris ocularis (HOLBROOK)

Hylodes ocularis HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 79, pl. 14.

Pseudacris ocularis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 31.

Chorophilus ocularis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 348.

TYPE LOCALITY: South Carolina and Georgia.

RANGE: Southeastern United States.

Pseudacris ornata (HOLBROOK)

Rana ornata HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 97, pl. 16.
Pseudacris ornata STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, pl. 31.
Chorophilus ornatus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 333.

TYPE LOCALITY: Between the Cooper and Ashley Rivers, four miles from Charleston, South Carolina.

RANGE: North Carolina to Florida.

Hyla (*GENUS*)

LAURENTI, Syn. Rept., 1768, p. 32
TYPE: *viridis*

Hyla andersonii BAIRD

ANDERSON TREE-FROG

Hyla andersonii BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 60.
Hyla andersonii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 365, fig. 91, pl. 83, fig. 1.

TYPE LOCALITY: Anderson, South Carolina.

RANGE: White cedar swamps in southern New Jersey, eastern Pennsylvania, and South Carolina.

Hyla arenicolor COPE

Hyla arenicolor COPE
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 6, July, 1866, p. 84.
Hyla arenicolor COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 369, fig. 93.

TYPE LOCALITY: Northern Sonora, Mexico.

RANGE: Most of the southwestern United States from Utah to northern Lower California, east to Texas, and in Mexico south to Guadalajara and Toluca.

Hyla avivoca VIOSCA

Hyla avivoca VIOSCA
Proc. Biol. Soc. Washington, Vol. 41, June 29, 1931, p. 89.

TYPE LOCALITY: Mandeville, Louisiana.

RANGE: Eastern Louisiana north to Tennessee and southern Illinois; east to Florida.

Hyla baudinii baudinii (Duméril and Bibron)

Hyla baudinii Duméril and Bibron
Erp. Gén., Vol. 8, 1841, p. 564.
Smilisca baudinii Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 379.

TYPE LOCALITY: Mexico.

RANGE: Central America north to southern Texas.

Hyla cinerea cinerea (Schneider)

Calamita cinereus Schneider
Hist. Amph., Vol. 1, 1799, p. 174.
Hyla cinerea Garman
Bull. Ill. State Lab. Nat. Hist., Vol. 3, 1892, p. 349.
Hyla carolinensis Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 366, fig. 92.

TYPE LOCALITY: "Inhabits Carolina."

RANGE: Virginia to Florida, west to Texas and northward up the Mississippi Valley to southern Illinois.

Hyla cinerea evittata (Miller)

Hyla evittata Miller
Proc. Biol. Soc. Washington, Vol. 13, 1899, p. 75.
Hyla cinerea evittata Dunn
Copeia, No. 53, 1918, p. 21.

TYPE LOCALITY: Four Mile Run, Virginia (near the City of Washington).

RANGE: Reed beds and lily pools along the Potomac and York Rivers, Virginia.

Hyla crucifer Wied

SPRING-PEEPER

Hyla crucifer Wied
Reise Nord-Amer., Vol. 1, Pt. 5, 1838, p. 275.
Hyla pickeringii Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 352, fig. 88.

TYPE LOCALITY: Cantonment Leavenworth, "Kansas."

RANGE: New Brunswick to Manitoba, south to Georgia, Louisiana, Arkansas, and Kansas.

Hyla eximia Baird

Hyla eximia Baird
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 61.
Hyla eximia Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 361.

TYPE LOCALITY: City of Mexico.
RANGE: Mexico, Texas, New Mexico, and Arizona.

Hyla femoralis LATREILLE

Hyla femoralis LATREILLE
Hist. Nat. Rept., Vol. 2, 1802, p. 181.
Hyla femoralis COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 371, fig. 94.

TYPE LOCALITY: Carolina.
RANGE: Carolinas to Florida and west to Texas.

Hyla gracilipes COPE

Hyla gracilipes COPE
Proc. Ac. Nat. Sci. Phila., Vol. 17, 1865, p. 194.
Hyla gracilipes KELLOG
Bull. U. S. Nat. Mus., No. 160, 1932, p. 168.

TYPE LOCALITY: Mirador, Vera Cruz, Mexico.
RANGE: Southern Arizona, and New Mexico southward to Vera Cruz and the Valley of Mexico.

Hyla gratiosa LE CONTE

Hyla gratiosa LE CONTE
Proc. Ac. Nat. Sci. Phila., 1856, p. 146, pl. 4.
Hyla gratiosa COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 377, fig. 96, pl. 83, fig. 5.

TYPE LOCALITY: "Lower country of Georgia," evidently one of the Le Conte plantations in Floyd or Liberty County.
RANGE: South Carolina to Florida, Mississippi, and Louisiana.

Hyla regilla BAIRD and GIRARD
PACIFIC TREE-TOAD

Hyla regilla BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Hyla regilla COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 355, fig. 89.

TYPE LOCALITY: "Sacramento River, in Oregon and Puget Sound."
RANGE: Vancouver Island and British Columbia to Lower California; Idaho, Nevada and Arizona.

Hyla septentrionalis BOULENGER

Hyla septentrionalis BOULENGER
Cat. Batr. Sal. Brit. Mus., 1882, p. 368.

TYPE LOCALITY: Cuba and San Domingo. [Restricted to Cuba.]
RANGE: Cuba, Bahama Islands and Key West (recently introduced).

Hyla squirella LATREILLE

Hyla squirella LATREILLE
Hist. Nat. Rept., Vol. 2, 1802, p. 181.
Hyla squirella COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 363, fig. 90.

TYPE LOCALITY: Carolina.
RANGE: Virginia to Florida, west to Texas northward up the Mississippi basin to Indiana.

Hyla versicolor versicolor (LE CONTE)

TREE-TOAD, RAIN-TOAD

Hyla versicolor Le CONTE
Ann. Lyc. Nat. Hist., New York, Vol. 1, Pt. 2, 1825, p. 281.
Hyla versicolor COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 373, fig. 95.

TYPE LOCALITY: "Northern States."
RANGE: Maine, southern Canada, west to Minnesota, south to the Gulf States (Texas and Arkansas in part only).

Hyla versicolor chrysoscelis (COPE)

Hyla femoralis chrysoscelis COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 29.
Hyla versicolor chrysoscelis STRECKER
Proc. Biol. Soc. Washington, Vol. 33, 1910, p. 117.

TYPE LOCALITY: Dallas, Texas.
RANGE: Southern Arkansas to east-central Texas.

LEPTODACTYLIDAE (*FAMILY*)

Leptodactylus (*GENUS*)

FITZINGER, Neue Classif. der Rept., 1826, p. 38
TYPE: *typhonia*

Leptodactylus albilabris (GÜNTHER)

Cystignathus albilabris GÜNTHER
Ann. Mag. Nat. Hist., Ser. 3, Vol. 4, 1859, p. 217.

Leptodactylus albilabris BOULENGER
Bull. Soc. Zool. France, 1881, p. 33.
Leptodactylus albilabris TAYLOR
Univ. Kansas Sci. Bull., Vol. 20, No. 11, 1932, p. 243.

TYPE LOCALITY: St. Thomas.

RANGE: West Indies, Mexico and Los Olmos bridge near Rio Grande City, Texas.

Eleutherodactylus (*GENUS*)

DUMÉRIL and BIBRON, Erp. Gén., Vol. 8, 1841, p. 620
TYPE: *martinicensis*

Eleutherodactylus augusti (DUGÈS)

Hylodes augusti DUGÈS
In Brocchi, Bull. Soc. Philom. Paris, Ser. 7, Vol, 3, 1879, No. 1, p. 21.
Eleutherodactylus augusti SLEVIN
Copeia, 1931, No. 3, p. 140.

TYPE LOCALITY: Guanajuato, Mexico.

RANGE: Central Mexico north to southern Arizona in the highlands.

Eleutherodactylus latrans (COPE)

Lithodytes latrans COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 25.
Eleutherodactylus latrans STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 34.
Lithodytes latrans COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 316, fig. 80.

TYPE LOCALITY: Helotes, Bexar Co., Texas.

RANGE: Texas.

Eleutherodactylus ricordii (DUMÉRIL and BIBRON)

Hylodes ricordii DUMÉRIL and BIBRON
Erp. Gén., Vol. 8, 1841, p. 623.
Eleutherodactylus ricordii STEJNEGER
Shattuck's Bahama Islands, 1905, p. 331.
Lithodytes ricordii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 318.

TYPE LOCALITY: Cuba.

RANGE: Bahama Islands, Cuba and Florida, north to Alachua County (probably accidentally introduced).

Syrrhophus (*GENUS*)

COPE, Amer. Nat., Vol. 12, 1878, p. 253
TYPE: *marnockii*

Syrrhophus campi STEJNEGER

Syrrhophus campi STEJNEGER
Proc. Biol. Soc. Washington, Vol. 28, June 29, 1915, p. 131.

TYPE LOCALITY: Brownsville, Texas.

RANGE: At present known from the type locality only.

Syrrhophus marnockii COPE

Syrrhophus marnockii COPE
Amer. Nat., Vol. 12, 1878, p. 253.
Syrrhophus marnockii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 318, fig. 81.

TYPE LOCALITY: Near San Antonio, Texas.

RANGE: Bexar, Hays, Travis, and Brewster Counties, Texas.

RANIDAE (*FAMILY*)

Rana (*GENUS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 210
TYPE: *temporaria*

Rana aesopus (COPE)

GOPHER–FROG

Rana areolata aesopus COPE
Proc. Amer. Philos. Soc., Vol. 23, Dec. 1886, p. 517.
Rana aesopus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 36.
Rana areolata aesopus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 412.

TYPE LOCALITY: Micanopy, Florida.

RANGE: Florida northward into South Carolina.

Rana areolata BAIRD and GIRARD

Rana areolata BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 173.
Rana areolata COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 409, fig. 103.

TYPE LOCALITY: Indianola, Texas.

RANGE: Georgia, Texas, Missouri, Oklahoma, Indiana, and Illinois.

Rana aurora aurora (BAIRD and GIRARD)

Rana aurora BAIRD amd GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Rana aurora aurora CAMP
Univ. California Publ. Zool., Vol. 17, 1917, p. 123.
Rana agilis aurora COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 439, fig. 113.

TYPE LOCALITY: Puget Sound.

RANGE: California to Washington, Vancouver Island.

Rana aurora draytonii (BAIRD and GIRARD)

Rana draytonii BAIRD amd GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.
Rana aurora draytonii CAMP
Univ. California Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 115.
Rana draytoni draytoni COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 441, fig. 114.

TYPE LOCALITY: San Francisco, and the Columbia River.

RANGE: Oregon, California, and Lower California.

Rana boylii boylii (BAIRD)

Rana boylii BAIRD
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.
Rana boylii boylii CAMP
Univ. California Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 117.
Rana boylii COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 444, fig. 115.

TYPE LOCALITY: El Dorado County, California.

RANGE: California and southwestern Oregon.

Rana boylii muscosa CAMP

Rana boylii muscosa CAMP
Univ. California Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 118.

TYPE LOCALITY: Arroyo Seco Cañon, at about 1300 feet altitude, near Pasadena, California.

RANGE: California: San Gabriel, San Bernardino, and San Jacinto Mountains, south to San Diego County.

Rana boylii sierrae CAMP

Rana boylii sierrae CAMP
Univ. California Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 120.

TYPE LOCALITY: Matlack Lake, Sierra Nevada, Inyo County, California, 10,500 feet altitude.

RANGE: Southern half of Sierra Nevada, above 7000 feet altitude, California.

Rana cantabrigensis Baird

Rana cantabrigensis Baird
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.
Rana cantabrigensis latiremis Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 37.
Rana cantabrigensis cantabrigensis Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 436, fig. 110.

TYPE LOCALITY: Cambridge, Mass. (in errore).

RANGE: Alaska, through the lowlands eastward to Michigan.

Rana catesbeiana Shaw

BULLFROG

Rana catesbeiana Shaw
Gen. Zool., Vol. 3, Pt. 1, 1802, p. 106, pl. 33.
Rana catesbiana Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 424, fig. 108.

TYPE LOCALITY: South Carolina.

RANGE: North America east of Rocky Mts. except extreme southeast and Gulf states coastal plain. Introduced into California.

Rana clamitans Latreille

GREEN FROG, SPRING-FROG

Rana clamitans Latreille
Hist. Nat. Rept., Vol. 2, 1802, p. 157.
Rana clamata Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 419, fig. 107.

TYPE LOCALITY: Charleston, South Carolina.

RANGE: Eastern North America, Canada to Florida and Louisiana, west to Michigan, Wisconsin, Minnesota, Illinois, Arkansas and Texas.

Rana grylio Stejneger

Rana grylio Stejneger
Proc. U. S. Nat. Mus., Vol. 24, Oct. 4, 1901, p. 212.

TYPE LOCALITY: Bay St. Louis, Mississippi.

RANGE: Southern Louisiana to peninsular Florida, north to southeastern Georgia.

Rana heckscheri Wright

Rana heckscheri Wright
Proc. Biol. Soc. Wash., Vol. 37, Dec. 29, 1924, p. 143, pl. 11, 12, fig. 2.

TYPE LOCALITY: Alligator Swamp, Callahan, Florida.

RANGE: Coastal Georgia, northern Florida and southern Mississippi.

Rana onca COPE

Rana onca COPE
in Wheeler's Rep. Expl. W. 100th Mer., Vol. 5, Zoöl., 1875, p. 528, pl. 25, figs. 1–3.
Rana draytoni onca COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 443.

TYPE LOCALITY: Utah.

RANGE: Utah and Nevada.

Rana palustris LE CONTE

PICKEREL–FROG

Rana palustris LE CONTE
Ann. Lyc. Nat. Hist., New York, Vol. 1, Pt. 2, 1825, p. 282.
Rana palustris COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 406, fig. 102.

TYPE LOCALITY: Not given.

RANGE: Hudson Bay south to Arkansas and Louisiana and all of the Eastern States; west to Wisconsin.

Rana pipiens SCHREBER

LEOPARD–FROG

Rana pipiens SCHREBER
Naturforscher, Vol. 18, 1782, p. 185, pl. 4.
Rana virescens COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 397.

TYPE LOCALITY: Raccoon, Gloucester County, New Jersey.

RANGE: North America, east of the Sierra Nevada southward into Mexico.

Rana pretiosa pretiosa (BAIRD and GIRARD)

Rana pretiosa BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 378.
Rana temporaria pretiosa COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 432, fig. 110.

TYPE LOCALITY: Puget Sound, Washington.

RANGE: Utah and Montana west to the Pacific coast, California to British Columbia.

Rana pretiosa luteiventris THOMPSON

Rana pretiosa luteiventris THOMPSON
Proc. Biol. Soc. Washington, Vol. 26, March 22, 1913, p. 53.

TYPE LOCALITY: Anne Creek, Elko County, Nevada.

RANGE: Eureka and Elko Counties, Nevada.

Rana septentrionalis Baird

MINK-FROG

Rana septentrionalis Baird
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 61.
Rana septentrionalis Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 416, fig. 106, pl. 86.

TYPE LOCALITY: Northern Minnesota.

RANGE: Northern New England and northern New York, west through Michigan to Minnesota, Canada to Hudson Bay.

Rana sphenocephala (Cope)

SOUTHERN LEOPARD-FROG

Rana halecina sphenocephala Cope
Proc. Amer. Philos. Soc., Vol. 23, Dec. 1886, p. 517.
Rana sphenocephala Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 39.
Rana virescens sphenocephala Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 399, fig. 99.

TYPE LOCALITY: Near St. John's River, Florida.

RANGE: Southeastern States.

Rana sylvatica Le Conte

WOOD-FROG

Rana sylvatica Le Conte
Ann. Lyc. Nat. Hist. New York, Vol. 1, Pt. 2, 1825, p. 282.
Rana silvatica Cope
Bull. U. S. Nat. Mus., No. 34, 1889, p. 447, fig. 115.

TYPE LOCALITY: Not stated.

RANGE: Quebec and Nova Scotia to South Carolina, westward to southern Ontario and Ohio.

Rana tarahumarae Boulenger

Rana tarahumarae Boulenger
Ann. Mag. Nat. Hist., Ser. 8, Vol. 20, 1917, p. 416.

TYPE LOCALITY: Sierra Tarahumare, northwestern Mexico.

RANGE: Chihuahua and southern Arizona in mountains, 3000–4000 feet.

Rana virgatipes Cope

SPHAGNUM-FROG

Rana virgatipes Cope
Amer. Nat., Vol. 25, 1891, p. 1017.

TYPE LOCALITY: Mare Run, near Great Egg Harbor, Atlantic Co., New Jersey.

RANGE: New Jersey to the Okefinokee Swamp, Georgia.

BREVICIPITIDAE (*FAMILY*)

Gastrophryne (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 33
TYPE: *rugosa* = carolinensis

Gastrophryne areolata (STRECKER)

Engystoma areolata (STRECKER)
Proc. Biol. Soc. Washington, Vol. 22, June 25, 1909, p. 118.
Gastrophryne areolata STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 40.

TYPE LOCALITY: Guadalupe River bottom, Victoria, Victoria Co., Texas.

RANGE: Southeastern Texas.

Gastrophryne carolinensis (HOLBROOK)

Engystoma carolinense HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 83, pl. 11.
Gastrophryne carolinensis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 40.
Engystoma carolinense (part) COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 385, fig. 97.

TYPE LOCALITY: Charleston, South Carolina.

RANGE: Virginia to Florida, Gulf States to Texas, northward through central valley to southern Indiana.

Gastrophryne texensis (GIRARD)

Engystoma texense GIRARD
Proc. Ac. Nat. Sci. Phila., 1859, p. 169.
Gastrophryne texensis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 40.
Engystoma carolinense (part) COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 385.

TYPE LOCALITY: Rio Seco, near D'Hanis, Medina Co., Texas.

RANGE: Texas north to Kansas.

Hypopachus (*GENUS*)

KEFERSTEIN, Nachr. Ges. Wiss. Göttingen, July 24, 1867, p. 351
TYPE: *seebachii* = variolosus

Hypopachus cuneus COPE

Hypopachus cuneus COPE
Proc. U. S. Nat. Mus., Vol. 11, July 5, 1889, p. 395.
Hypopachus cuneus COPE
Bull. U. S. Nat. Mus., No. 34, 1889, p. 388, fig. 98.

TYPE LOCALITY: San Diego, Duval Co., Texas.

RANGE: Southern Texas.

REPTILIA (*CLASS*)

LAURENTI, Syn. Rept., 1768, p. 19

DIAPSIDA (*SUBCLASS*)

OSBORN, Science, N. S., Vol. 17, Feb. 13, 1903, p. 276

LORICATA (*ORDER*)

MERREM, Syst. Amph., 1820, p. 34

CROCODYLIDAE (*FAMILY*)

Crocodylus (*GENUS*)

LAURENTI, Syn. Rept., 1768, p. 53
TYPE: *niloticus* = Lacerta crocodilus LINNÉ in part

Crocodylus acutus CUVIER
CROCODILE

Crocodilus acutus CUVIER
Ann. Mus. Hist. Nat. Paris, Vol. 10, 1807, p. 55, pl. 1, fig. 3, pl. 2, fig. 5.
Crocodilus americanus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 173, fig. 2.

TYPE LOCALITY: San Domingo.
RANGE: Southern Florida, the Greater Antilles (except Porto Rico), both coasts of Central America from Mexico to Ecuador and Colombia.

Alligator (*GENUS*)

CUVIER, Ann. Mus. Hist. Nat. Paris, Vol. 10, 1807, p. 25
TYPE: *lucius* = Lacerta alligator BLUMENBACH, 1788, in part = mississipiensis

Alligator mississipiensis (DAUDIN)
ALLIGATOR

Crocodilus mississipiensis DAUDIN
Hist. Nat. Rept., Vol. 2, 1803, p. 412.

Alligator missisipensis [sic] GRAY
Syn. Rept., 1831, p. 62.
Alligator mississippiensis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 168, fig. 1.

TYPE LOCALITY: "Les bords du Mississippi."

RANGE: Rivers and swamps of the lowlands of the Carolinas, Georgia and Florida, west to Louisiana, Mississippi and westward to the Rio Grande in Texas.

SQUAMATA (*ORDER*)

OPPEL, Ordn. Rept., 1811, p. 14

SAURIA (*SUBORDER*)

MACARTNEY, in Ross's Transl. Cuvier's Lect. Comp. Anat., 1802, Vol. 1, table 3

GEKKONIDAE (*FAMILY*)

Hemidactylus (*GENUS*)

OKEN, Isis, 1817, p. 1183
TYPE: "*Gecko tuberculeaux Daudin*" = mabouia

Hemidactylus turcicus (LINNÉ)

Lacerta turcica LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 202.
Hemidactylus turcicus BOETTGER
Ber. Offenbach. Ver. Naturk., 1876, p. 57.

TYPE LOCALITY: In Oriente.

RANGE: Borders of Red and Mediterranean Seas, northwestern India; Key West.[1]

Phyllodactylus (*GENUS*)

GRAY, Spicileg. Zool., 1830, p. 3
TYPE: *pulcher*

Phyllodactylus tuberculosus WIEGMANN

Phyllodactylus tuberculosus WIEGMANN
Nova Acta Ac. Leopold.-Carol., Vol. 17, 1835, p. 241, pl. 18, figs. 2–2a.

[1] Accidentally introduced and possibly not established.

Phyllodactylus tuberculosus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 458, fig. 83.

TYPE LOCALITY: "Californien."

RANGE: Ecuador to Lower California and extreme southern California.

Phyllodactylus unctus COPE

Diplodactylus unctus COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 102.
Phyllodactylus (Diplodactylus) unctus BOCOURT
Miss. Sci. Mex., Rept., Pt. 2, 1873, p. 43.
Phyllodactylus unctus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 460, fig. 84.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Cape region of Lower California and Islands in the Gulf off the southern portion of the Peninsula.

Sphaerodactylus (*GENUS*)

WAGLER, Syst. Amph., 1830, p. 143
TYPE: *sputator*

Sphaerodactylus cinereus WAGLER

Sphaerodactylus cinereus WAGLER
Syst. Amph., 1830, p. 143.

TYPE LOCALITY: Haiti.

RANGE: Haiti, Cuba, Isla de Pinos, Key West.[1]

Sphaerodactylus notatus BAIRD

Sphaerodactylus notatus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 254.
Sphaerodactylus notatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 462, fig. 85.

TYPE LOCALITY: Key West, Florida.

RANGE: Bahama Islands, Cuba, also southern Florida and the Keys (perhaps introduced by commerce).

[1] Recently introduced accidentally.

Coleonyx (*GENUS*)

GRAY, Ann. Mag. Nat. Hist., Vol. 16, 1845, p. 162
TYPE: *elegans*

Coleonyx brevis STEJNEGER

Coleonyx brevis STEJNEGER
N. Amer. Fauna, No. 7, 1893, p. 163.
Eublepharis variegatus (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), fig. 86.
TYPE LOCALITY: Helotes, Bexar County, Texas.
RANGE: Texas.

Coleonyx variegatus (BAIRD)

Stenodactylus variegatus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 254.
Coleonyx variegatus COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 125.
Eublepharis variegatus (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 466.
TYPE LOCALITY: Rio Grande and Gila Valleys.
RANGE: Southwestern Utah, Texas to California, northern Lower California, Cerros Island, Santa Ynez Island, and San Marcos Island.

IGUANIDAE (*FAMILY*)

Anolis (*GENUS*)

DAUDIN, Hist. Nat. Rept., Vol. 4, 1803, p. 50
TYPE: *bullaris* = carolinensis

Anolis carolinensis VOIGT

"CHAMELEON," ANOLIS

Anolius carolinensis VOIGT
Cuvier's Thierreich, Vol. 2, 1832, p. 71.
Anolis carolinensis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 233, fig. 16.
TYPE LOCALITY: Carolina.
RANGE: North Carolina to Florida, westward through the Gulf region to the Rio Grande.

Anolis stejnegeri BARBOUR

Anolis stejnegeri BARBOUR
Copeia, Oct. 30, 1931, 3, p. 88.
TYPE LOCALITY: Key West, Florida.
RANGE: The Island of Key West.

Ctenosaura (*GENUS*)

WIEGMANN, Isis, 1828, p. 371
TYPE: *cycluroides*

Ctenosaura hemilopha (COPE)

Cyclura (Ctenosaura) hemilopha COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 105.
Ctenosaura hemilopha COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 238, fig. 17.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Cape region of Lower California, north to San Esteban Island.

Ctenosaura multispinis COPE

Ctenosaura multispinis COPE
Proc. Amer. Philos. Soc., Vol. 23, 1885, p. 267.
Ctenosaura multispinis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 240.

TYPE LOCALITY: Dondomingvillo [sic] = Dondomuiguillo, Oaxaca and Batopilas Chihuahua.

RANGE: Mexico probably northward to southern Arizona.

Dipso-saurus (*GENUS*)

HALLOWELL, Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 92
TYPE: *dorsalis*

Dipso-saurus carmenensis VAN DENBURGH

Dipsosaurus carmenensis VAN DENBURGH
Occ. Papers Calif. Ac. Sci., Vol. 10, Nov. 23, 1922, p. 81.

TYPE LOCALITY: Carmen Island, Gulf of California.

RANGE: Carmen and Coronado Islands, Lower California.

Dipso-saurus catalinensis VAN DENBURGH

Dipsosaurus catalinensis VAN DENBURGH
Occ. Papers Calif. Ac. Sci., Vol. 10, Nov. 23, 1922, p. 83.

TYPE LOCALITY: Santa Catalina Island, Gulf of California.

RANGE: Same.

Dipso-saurus dorsalis dorsalis (BAIRD and GIRARD)

Crotaphytus dorsalis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.

Dipso-saurus dorsalis HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 92.
Dipsosaurus dorsalis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 243, fig. 18.

TYPE LOCALITY: Colorado Desert, California.

RANGE: Colorado and Mojave Deserts, east to the Colorado River.

Dipso-saurus dorsalis lucasensis VAN DENBURGH

Dipsosaurus dorsalis lucasensis VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 4, Vol. 10, Aug. 6, 1920, p. 33.

TYPE LOCALITY: San José del Cabo, Lower California.

RANGE: Cape region of Lower California.

Crotaphytus (*GENUS*)

HOLBROOK, N. Amer. Herp., Ed. 2, Vol. 2, 1842, p. 79
TYPE: *collaris*

Crotaphytus collaris collaris (SAY)
COLLARED LIZARD, MOUNTAIN BOOMER

Agama collaris SAY
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 252.
Crotaphytus collaris HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 2, 1842, p. 79, pl. 10.
Crotaphytus collaris (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 248.

TYPE LOCALITY: Verdigris River near its union with the Arkansas River, Oklahoma.

RANGE: Missouri, Kansas and Arkansas south to middle-western and northwestern Texas and west to eastern New Mexico.

Crotaphytus collaris baileyi (STEJNEGER)

Crotaphytus baileyi STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 103, pl. 12, fig. 1.
Crotaphytus collaris baileyi STONE
Proc. Ac. Nat. Sci. Phila., 1903, p. 30.
Crotaphytus collaris (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 250, fig. 19.

TYPE LOCALITY: Painted Desert, Arizona.

RANGE: Southwestern Texas, southern and western New Mexico, Arizona, Utah, Nevada, Idaho, southeastern California, northern Mexico, and Lower California.

Crotaphytus dickersonae SCHMIDT

Crotaphytus dickersonae SCHMIDT
Bull. Amer. Mus. Nat. Hist., Vol. 46, Dec. 7, 1922, p. 638, fig. 2.

TYPE LOCALITY: Tiburon Island, Gulf of California.

RANGE: Same.

Crotaphytus insularis VAN DENBURGH and SLEVIN

Crotaphytus insularis VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser 4, Vol. 11, July 30, 1921, p. 96.

TYPE LOCALITY: Angel de la Guarda Island, Lower California.

RANGE: Same.

Crotaphytus reticulatus BAIRD

Crotaphytus reticulatus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.
Crotaphytus reticulatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 254, fig. 20.

TYPE LOCALITY: Laredo and Ringgold Barracks, Texas.

RANGE: Extreme southwestern Texas.

Crotaphytus silus STEJNEGER

Crotaphytus silus STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 105.
Crotaphytus wislizenii (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 255.

TYPE LOCALITY: Fresno, California.

RANGE: San Joaquin Valley, California, Washington.

Crotaphytus wislizenii BAIRD and GIRARD

LEOPARD-LIZARD

Crotaphytus wislizenii BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 340, pl. 3.
Crotaphytus wislizenii (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 255, fig. 21.

TYPE LOCALITY: Near Santa Fé, New Mexico.

RANGE: Northern Idaho, Nevada and Utah, southward into Mexico, Lower and southern California; east to western Texas.

Sauromalus (*GENUS*)

DUMÉRIL, Arch. Mus. Hist. Nat. Paris, Vol. 8, 1856, p. 535
TYPE: *ater*

Sauromalus ater DUMÉRIL

CHUCK-WALLA

Sauromalus ater DUMÉRIL
Arch. Mus. Hist. Nat. Paris, Vol. 8, 1856, p. 536, pl. 23, fig. 3.

TYPE LOCALITY: Unknown.

RANGE: Southern Lower California and Espiritu Santo Island.

Sauromalus hispidus STEJNEGER

Sauromalus hispidus STEJNEGER
Proc. U. S. Nat. Mus., Vol. 14, Oct. 27, 1891, p. 409.
Sauromalus hispidus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 264, fig. 22.

TYPE LOCALITY: Angel de la Guarda Island, Gulf of California.

RANGE: Same as type locality.

Sauromalus obesus (BAIRD)

Euphryne obesus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.
Sauromalus obesus SCHMIDT
Bull. Amer. Mus. Nat. Hist., Vol. 46, Dec. 7, 1922, p. 641.
Sauromalus ater COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 266, fig. 23.

TYPE LOCALITY: Fort Yuma, Arizona.

RANGE: Southern Nevada, southwestern Utah, Arizona, southern California, and northern Lower California.

Sauromalus slevini VAN DENBURGH

Sauromalus slevini VAN DENBURGH
Occ. Papers Calif. Ac. Sci., Vol. 10, Nov. 23, 1922, p. 97.

TYPE LOCALITY: Monserrate Island, Gulf of California.

RANGE: Monserrate, Carmen, and Coronado Islands, Lower California.

Sauromalus townsendi DICKERSON

Sauromalus townsendi DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 464.

TYPE LOCALITY: Tiburon Island, Gulf of California.

RANGE: Tiburon Island and possibly adjacent coast region of Sonora, Mexico.

Sauromalus varius Dickerson

Sauromalus varius Dickerson
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 464.

TYPE LOCALITY: San Esteban Island, Gulf of California.

RANGE: Same.

Callisaurus (*GENUS*)

Blainville, Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 286
TYPE: *draconoides*

Callisaurus crinitus Cope

Callisaurus crinitus Cope
Amer. Nat., Vol. 30, Dec. 5, 1896, p. 1049.

TYPE LOCALITY: Ballenas Bay, Lower California.

RANGE: Ballenas Bay and San Bartolomé Bay, Lower California.

Callisaurus draconoides Blainville

Callisaurus draconoides Blainville
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 286, pl. 24, fig. 2.
Callisaurus draconoides draconoides Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 270, fig. 24.

TYPE LOCALITY: California.

RANGE: Southern Lower California.

Callisaurus splendidus Dickerson

Callisaurus splendidus Dickerson
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 467.

TYPE LOCALITY: Angel de la Guarda Island, Lower California.

RANGE: Same.

Callisaurus ventralis ventralis (Hallowell)

GRIDIRON-TAILED LIZARD

Homalosaurus ventralis Hallowell
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 179.
Callisaurus ventralis Baird
U. S. Mex. Bound. Surv., Vol. 1, Pt. 2, 1859, Rept., p. 8.
Callisaurus draconoides ventralis Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 272, fig. 25.

TYPE LOCALITY: New Mexico west of Rio Grande.

RANGE: Arizona to California, north to Nevada, southward to Mexico at least to Guaymas.

Callisaurus ventralis gabbii COPE

Callisaurus ventralis gabbii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 272.

TYPE LOCALITY: Northern Lower California.

RANGE: Lower California, deserts of southern California and adjacent deserts in Arizona.

Callisaurus ventralis inusitatus (DICKERSON)

Callisaurus inusitatus DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 465.

TYPE LOCALITY: Tiburon Island, Gulf of California.

RANGE: Tiburon Island and region about Guaymas, Mexico.

Callisaurus ventralis myurus RICHARDSON

Callisaurus ventralis myurus RICHARDSON
Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 408.

TYPE LOCALITY: Pyramid Lake Indian Agency, Nevada.

RANGE: Region about Pyramid Lake, Nevada.

Uma (*GENUS*)

BAIRD, Proc. Ac. Nat. Sci. Phila., 1858, p. 253
TYPE: *notata*

Uma notata BAIRD

Uma notata BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.
Uma notata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 277, fig. 27.

TYPE LOCALITY: Mojave Desert, California.

RANGE: Yuma and Mojave Deserts.

Holbrookia (*GENUS*)

GIRARD, Proc. Amer. Assoc. Adv. Sci., New Haven, Vol. 4, 1851, p. 201
TYPE: *maculata*

Holbrookia elegans BOCOURT

Holbrookia elegans BOCOURT
Miss. Sci. Mex., Rept., 1874, p. 164, pl. 27 bis, figs. 8–8a.

TYPE LOCALITY: Mazatlan, Mexico.

RANGE: Western Mexico from Sinaloa northward to Tucson, Arizona.

Holbrookia maculata maculata (GIRARD)

Holbrookia maculata GIRARD
Proc. Amer. Assoc. Adv. Sci., New Haven, Vol. 4, 1851, p. 201.

Holbrookia maculata maculata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 293, fig. 33.

TYPE LOCALITY: Opposite Grand Island, Platte River, Colorado.

RANGE: Northern Texas west to Arizona and northward to Wyoming and Nebraska.

Holbrookia maculata approximans (BAIRD)

Holbrookia approximans BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.

Holbrookia maculata approximans STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 109.

Holbrookia maculata approximans COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 297.

TYPE LOCALITY: "Lower Rio Grande."

RANGE: Southern New Mexico and Arizona, south into northern Mexico.

Holbrookia lacerata COPE

Holbrookia lacerata COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 15.

Holbrookia maculata lacerata STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 109.

Holbrookia maculata lacerata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 292, fig. 32.

TYPE LOCALITY: Texas: Erath County; west of the Upper Brazos, Comanche County; on the Guadalupe River in Kendall or Comal County.

RANGE: Texas, middle district east of the plains and west of the timbered region, from the northern boundary south to the Rio Grande.

Holbrookia propinqua propinqua (BAIRD and GIRARD)

Holbrookia propinqua BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.

Holbrookia propinqua COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 289, fig. 31.

TYPE LOCALITY: Between Indianola and San Antonio, Texas.

RANGE: Texas.

Holbrookia propinqua stonei HARPER

Holbrookia propinqua stonei HARPER
Proc. Biol. Soc. Wash., Vol. 45, Apr. 2, 1932, p. 15.

TYPE LOCALITY: Padre Island, Texas.

RANGE: Padre Island and possibly Mustang Island, Texas.

Holbrookia pulchra SCHMIDT

Holbrookia pulchra SCHMIDT
Amer. Mus. Nov., No. 22, Dec. 1, 1921, p. 1.

TYPE LOCALITY: Carr Cañon, Huachuca Mts., Arizona.

RANGE: Huachuca Mts., east of Nogales, Arizona.

Holbrookia texana (TROSCHEL)

Cophosaurus texanus TROSCHEL
Arch. Naturg., Jahrg. 16, Vol. 1, 1850 (1852), p. 389, pl. 6.
Holbrookia texana BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 124.
Holbrookia texana COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 286, fig. 30.

TYPE LOCALITY: The German colony of Neubraunfels, on the Guadalupe River in western Texas, Lat. 28° N.

RANGE: Arizona, Texas and eastern New Mexico.

Uta (*GENUS*)

BAIRD and GIRARD, Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 345
TYPE: *stansburiana*

Uta auriculata COPE

Uta auriculata COPE
Proc. Boston Soc. Nat. Hist., Vol. 14, 1871, p. 303.

TYPE LOCALITY: Socorro Island, Revilla Gigedo Archipelago, Mexico.

RANGE: The type locality.

Uta clarionensis TOWNSEND

Uta clarionensis TOWNSEND
Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 143.

TYPE LOCALITY: Clarion Island, Revilla Gigedo Archipelago, Mexico.

RANGE: Same as type locality.

Uta concinna DICKERSON

Uta concinna DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 470.

TYPE LOCALITY: Cerros Island, Lower California.

RANGE: Cerros and Natividad Islands, Lower California.

Uta graciosa (HALLOWELL)

Urosaurus graciosus HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 92.

Uta graciosa BAIRD
U. S. Mex. Bound. Surv., Vol. 2, Pt. 2, 1859, Rept., p. 7.

Uta graciosa COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 325, fig. 46.

TYPE LOCALITY: "Lower California" — with the intention of saying southern California.

RANGE: Southern California, southwestern Arizona, southern Nevada, and northeastern Lower California.

Uta levis STEJNEGER

Uta levis STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 108.

Uta levis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 313, fig. 40.

Uta wrighti SCHMIDT
Amer. Mus. Nov., No. 22, Dec. 1, 1921, p. 3.

TYPE LOCALITY: Tierra Amarilla, New Mexico.

RANGE: New Mexico, southern Utah, and western Colorado.

Uta mannophorus DICKERSON

Uta mannophorus DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 470.

TYPE LOCALITY: Carmen Island, Gulf of California.

RANGE: Same.

Uta martinensis VAN DENBURGH

Uta martinensis VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 3, Zool., Vol. 4, 1905, p. 18, pl. 6.

TYPE LOCALITY: San Martin Island, Lower California.

RANGE: San Martin Island.

Uta mearnsi STEJNEGER

Uta mearnsi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 17, Nov. 30, 1894, p. 589.

Uta mearnsii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 304, fig. 37.

TYPE LOCALITY: Summit of the Coast Range, Mexican boundary of California.

RANGE: Boundary region of southern and Lower California.

Uta microscutata VAN DENBURGH

Uta microscutata VAN DENBURGH
Proc. Calif. Ac., Sci. Ser 2, Vol. 4, 1894, p. 298.
Uta parviscutata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 324, fig. 45.

TYPE LOCALITY: San Pedro Martir Mountains, Lower California.

RANGE: Extreme southern California, both east and west of the mountains, northern Lower California and San José Island, Lower California.

Uta nigricauda COPE

Uta nigricauda COPE
Proc. Ac. Nat. Sci. Phila., 1864, p. 176.
Uta nigricauda COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 322, fig. 44.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

Uta nolascensis VAN DENBURGH and SLEVIN

Uta nolascensis VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, Dec. 17, 1921, p. 395.

TYPE LOCALITY: San Pedro Nolasco Island, Lower California.

RANGE: Same.

Uta ornata ornata (BAIRD and GIRARD)

Uta ornata BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.
Uta ornata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 315, fig. 41.

TYPE LOCALITY: Rio San Pedro, Texas, and Sonora.

RANGE: Utah, Nevada, western Texas west to southern California, northern Mexico.

Uta ornata symmetrica (BAIRD)

Uta symmetrica BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 253.
Uta symmetrica COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 317, fig. 42.

TYPE LOCALITY: Fort Yuma, Arizona.

RANGE: Colorado Desert and Colorado River Valley.

Uta palmeri STEJNEGER

Uta palmeri STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 106.
Uta palmerii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 313, fig. 39.

TYPE LOCALITY: San Pedro Martir Island, Gulf of California.
RANGE: Same.

Uta repens VAN DENBURGH

Uta repens VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 2, Vol. 5, 1895, p. 102, pl. 7–8, figs. a–e.
Uta repens COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 303, fig. 36.

TYPE LOCALITY: Comondú, Lower California.
RANGE: Lower California.

Uta slevini VAN DENBURGH

Uta slevini VAN DENBURGH
Occ. Papers Calif. Ac. Sci., Vol. 10, Nov. 23, 1922, p. 194.

TYPE LOCALITY: Mejia Island, Gulf of California.
RANGE: Angel de la Guarda Island and Mejia Island, Lower California.

Uta squamata DICKERSON

Uta squamata DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 471.

TYPE LOCALITY: Santa Catalina Island, Gulf of California.
RANGE: Same.

Uta stansburiana stansburiana (BAIRD and GIRARD)

Uta stansburiana BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 345, pl. 5, figs. 4–6.
Uta stansburiana COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 306, fig. 38.

TYPE LOCALITY: Salt Lake Valley.
RANGE: Parts of Utah, Idaho, Nevada, and southern California.

Uta stansburiana elegans (YARROW)

Uta elegans YARROW
Proc. U. S. Nat. Mus., Vol. 5, Sept. 29, 1882, p. 442.
Uta stansburiana elegans RICHARDSON
Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 413.

TYPE LOCALITY: La Paz, Lower California.
RANGE: Southern Lower California.

Uta stansburiana hesperis RICHARDSON

Uta stansburiana hesperis RICHARDSON
Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 415.

TYPE LOCALITY: Arroyo Seco Cañon, near Pasadena, Los Angeles County, California.

RANGE: Coast region of southern California.

Uta stansburiana stejnegeri SCHMIDT

Uta stansburiana stejnegeri SCHMIDT
Amer. Mus. Nov., No. 15, 1921, p. 1.

TYPE LOCALITY: Mouth of Dry Cañon, Alamogordo, Otero County, New Mexico.

RANGE: Western Texas and northern Mexico through New Mexico and Arizona to the Coast Range in California; northeastern Lower California; Angel de la Guarda Island.

Uta stellata VAN DENBURGH

Uta stellata VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 3, Zool., Vol. 4, 1905, p. 21, pl. 8.

TYPE LOCALITY: San Benito Island, Lower California.

RANGE: The type locality.

Uta thalassina COPE

Uta thalassina COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 104.
Uta thalassina COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 301, fig. 35.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

Sator (*GENUS*)

DICKERSON, Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 468
TYPE: *grandaevus*

Sator angustus DICKERSON

Sator angustus DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 469.

TYPE LOCALITY: Santa Cruz Island, Gulf of California.

RANGE: Same.

Sator grandaevus DICKERSON

Sator grandaevus DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 469.

TYPE LOCALITY: Cerralvo Island, Gulf of California.

RANGE: Same.

Sceloporus (*GENUS*)

WIEGMANN, Isis, 1828, p. 369
TYPE: *torquatus*

Sceloporus clarkii BAIRD and GIRARD

Sceloporus clarkii BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 127.
Sceloporus clarkii (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 358, fig. 54.

TYPE LOCALITY: Sonora.

RANGE: New Mexico, Arizona, and northern Mexico.

Sceloporus consobrinus consobrinus (BAIRD and GIRARD)

Sceloporus consobrinus BAIRD and GIRARD
Marcy's Expl. Red River, 1853, Rept., p. 237, Zoöl., pl. 10, figs. 5–12.
Sceloporus undulatus consobrinus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 377, fig. 60.

TYPE LOCALITY: Oklahoma, Roger Mills Co., Red River.

RANGE: The Dakotas, southward to Texas and westward to California.

Sceloporus consobrinus garmani (BOULENGER)

Sceloporus garmani BOULENGER
Proc. Zool. Soc. London, 1882, p. 761, pl. 56.
Sceloporus consobrinus garmani STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 53.

TYPE LOCALITY: Near Pine Ridge, South Dakota.

RANGE: Region about type locality.

Sceloporus couchii BAIRD

Sceloporus couchii BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 254.
Lysoptychus lateralis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 329, fig. 47.
Sceloporus couchii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 395, fig. 66.

TYPE LOCALITY: Santa Caterina, Nuevo Leon, Mexico.

RANGE: Northern Mexico to southern Texas.

Sceloporus disparilis STEJNEGER

Sceloporus disparilis STEJNEGER
Proc. Biol. Soc. Washington, Vol. 29, Dec. 16, 1916, p. 228.

TYPE LOCALITY: Lomita Ranch, six miles north of Hidalgo, Texas.

RANGE: Extreme southern corner of Texas and northeastern Mexico.

Sceloporus elongatus STEJNEGER

Sceloporus elongatus STEJNEGER
N. Amer. Fauna, No. 3, 1890, p. 111.

Sceloporus undulatus (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 368.

TYPE LOCALITY: Moa Ave, Painted Desert, Arizona.

RANGE: Northern Arizona and southern Utah.

Sceloporus graciosus graciosus (BAIRD and GIRARD)

Sceloporus graciosus BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 346, pl. 5, figs. 1–3.

Sceloporus graciosus graciosus CAMP
Univ. California Publ. Zool., Vol. 17, Dec. 28, 1916, p. 67.

Sceloporus graciosus (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 386.

TYPE LOCALITY: Valley of Great Salt Lake.

RANGE: Oklahoma to California and Utah, Nevada.

Sceloporus graciosus gracilis (BAIRD and GIRARD)

Sceloporus gracilis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 175.

Sceloporus graciosus gracilis VAN DENBURGH
Occ. Papers Calif. Ac. Sci., Vol. 10, Nov. 23, 1922, p. 280.

Sceloporus graciosus (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 386, fig. 63.

TYPE LOCALITY: Oregon.

RANGE: Western Oregon and Washington and northern California.

Sceloporus graciosus vandenburgianus (COPE)

Sceloporus vandenburgianus COPE
Amer. Nat., Vol. 30, 1896, p. 834.

Sceloporus graciosus vandenburgianus CAMP
Univ. California Publ. Zool., Vol. 17, Dec. 28, 1916, p. 67.

Sceloporus vandenburgianus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 390, fig. 64.

TYPE LOCALITY: Summit of the Coast Range, San Diego County, California.

RANGE: Mountain ranges south of Ventura County, California, into northern Lower California.

Sceloporus jarrovii COPE

Sceloporus jarrovii COPE
in Wheeler's Rep. Surv. W. 100th Mer., Vol. 5, 1875, p. 569, pl. 23, figs. 2–2c.
Sceloporus jarrovii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 345, fig. 49.

TYPE LOCALITY: Southern Arizona.

RANGE: Arizona.

Sceloporus licki VAN DENBURGH

Sceloporus licki VAN DENBURGH
Proc. Ac. Sci., Ser. 2, Vol. 5, 1895, p. 110, pl. 10.
Sceloporus lickii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 363.

TYPE LOCALITY: Sierra San Lazaro, Lower California.

RANGE: Southern Lower California.

Sceloporus lineatulus DICKERSON

Sceloporus lineatulus DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 467.

TYPE LOCALITY: Santa Catalina Island, Gulf of California.

RANGE: Same.

Sceloporus magister HALLOWELL

Sceloporus magister HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1854, p. 93.
Sceloporus clarkii (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 358.

TYPE LOCALITY: Yuma, Arizona.

RANGE: Southeastern California, western Arizona, southern Nevada, southern and eastern Utah, and northwestern Lower California.

Sceloporus merriami STEJNEGER

Sceloporus merriami STEJNEGER
Proc. Biol. Soc. Washington, Vol. 17, Feb. 5, 1904, p. 17.

TYPE LOCALITY: East Painted Cave near mouth of Pecos River, Rio Grande Valley, Texas.

RANGE: Rio Grande Cañon, western Texas.

Sceloporus monserratensis VAN DENBURGH and SLEVIN

Sceloporus monserratensis VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, Dec. 17, 1921, p. 396.

TYPE LOCALITY: Monserrate Island, Lower California.

RANGE: Same.

Sceloporus occidentalis occidentalis (BAIRD and GIRARD)

Sceloporus occidentalis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 175.

Sceloporus occidentalis occidentalis CAMP
Univ. California Publ. Zool., Vol. 17, Dec. 28, 1916, p. 65.

TYPE LOCALITY: Benicia, California.

RANGE: Northern and north central California to Washington.

Sceloporus occidentalis becki (VAN DENBURGH)

Sceloporus becki VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 3, Zool., Vol. 4, June 15, 1905, p. 9, pl. 4.

Sceloporus occidentalis becki GRINNELL and CAMP
Univ. California Publ. Zool., Vol. 17, July 11, 1917, p. 162.

TYPE LOCALITY: San Miguel Island, Santa Barbara Co., California.

RANGE: Islands off coast of Santa Barbara County, California.

Sceloporus occidentalis bi-seriatus (HALLOWELL)

Sceloporus bi-seriatus HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 93.

Sceloporus occidentalis bi-seriatus CAMP
Univ. California Publ. Zool., Vol. 17, Dec. 28, 1916, p. 65.

Sceloporus biseriatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 381, fig. 61.

TYPE LOCALITY: El Paso Creek, Tejon Valley, California.

RANGE: Texas westward to California, also Utah, Idaho, Wyoming, Nevada, Oregon and northern Lower California.

Sceloporus occidentalis taylori CAMP

Sceloporus occidentalis taylori CAMP
Univ. California Publ. Zool., Vol. 17, Dec. 28, 1916, p. 65.

TYPE LOCALITY: Halfway between Merced Lake and Sunrise Trail (Echo Creek Basin), altitude 7500 feet, Yosemite National Park, California.

RANGE: Yosemite National Park, above 7000 feet altitude.

Sceloporus orcutti STEJNEGER

Sceloporus orcutti STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 181, pl. 1, figs. 4a–c.

Sceloporus orcuttii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 354, fig. 52.

TYPE LOCALITY: Milquatay Valley, San Diego Co., California.

RANGE: Northern Lower California, southern California.

Sceloporus rufidorsum YARROW

Sceloporus rufidorsum (part) YARROW
Proc. U. S. Nat. Mus., Vol. 5, 1882, p. 442.

TYPE LOCALITY: San Quentin Bay, [Lower] California.

RANGE: Western Lower California and Cerros Island.

Sceloporus scalaris WIEGMANN

Sceloporus scalaris WIEGMANN
Isis, 1828, p. 370.

Sceloporus scalaris COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 401, fig. 68.

TYPE LOCALITY: Mexico.

RANGE: Mexico northward to the United States boundary.

Sceloporus spinosus floridanus (BAIRD)

Sceloporus floridanus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 254.

Sceloporus spinosus floridanus STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 181.

Sceloporus spinosus (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 364, fig. 55.

TYPE LOCALITY: Pensacola, Florida.

RANGE: Extreme western Florida to Texas, New Mexico, and northern Mexico.

Sceloporus torquatus cyanogenys COPE

Sceloporus torquatus cyanogenys COPE
Proc. Amer. Philos. Soc., Vol. 22, 1885, p. 402.

Sceloporus torquatus cyanogenys TAYLOR
Proc. Biol. Soc. Wash., Vol. 44, Oct. 17, 1931, p. 129.

TYPE LOCALITY: Monterey, Nuevo Leon, Mexico.

RANGE: Northeastern Mexico and southeastern Texas along the lower 250 miles of the Rio Grande.

Sceloporus torquatus poinsettii (BAIRD and GIRARD)

Sceloporus poinsettii BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.
Sceloporus torquatus poinsettii COPE
Proc. Amer. Philos. Soc., Vol. 22, 1885, p. 402.
Sceloporus torquatus poinsettii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 350, fig. 51.

TYPE LOCALITY: Rio San Pedro, Texas, and Sonora, Mexico.
RANGE: Texas to Arizona, northern states of Mexico.

Sceloporus undulatus (LATREILLE)

PINE-LIZARD, FENCE-LIZARD

Stellio undulatus LATREILLE
Hist. Nat. Rept., Vol. 2, 1802, p. 40.
Sceloporus undulatus WIEGMANN
Isis, 1828, p. 369.
Sceloporus undulatus (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 368, fig. 57.

TYPE LOCALITY: "Les grands bois de la Caroline."
RANGE: Eastern States, southeastern New York to Florida.

Sceloporus variabilis WIEGMANN

Sceloporus variabilis WIEGMANN
Herp. Mexico, 1834, p. 51.
Sceloporus variabilis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 398, fig. 67.

TYPE LOCALITY: Mexico.
RANGE: Guatemala and Mexico to southern Texas.

Sceloporus woodi STEJNEGER

SOUTHERN FLORIDA PINE-LIZARD

Sceloporus woodi STEJNEGER
Proc. Biol. Soc. Washington, Vol. 31, June 29, 1918, p. 90.

TYPE LOCALITY: Auburndale, Polk Co., Florida.
RANGE: Spruce Pine ridges of central, southeast and extreme southwest Florida.

Sceloporus zosteromus COPE

Sceloporus zosteromus COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 105.
Sceloporus zosteromus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 356, fig. 53.

TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern and central Lower California.

Phrynosoma (*GENUS*)

WIEGMANN, Isis, 1828, p. 367
TYPE: *orbiculare*

THE HORN-TOADS

Phrynosoma blainvillii blainvillii (GRAY)

Phrynosoma blainvillii GRAY
Zoöl. Beechey's Voyage, 1839, p. 96, pl. 29, fig. 1.

Phrynosoma blainvillei blainvillei BRYANT
Univ. California Publ. Zool., Vol. 9, 1911, pp. 5, 29.

Phrynosoma blainvillei (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 423, fig. 74.

TYPE LOCALITY: California.

RANGE: Southern California, northern Lower California.

Phrynosoma blainvillii frontale (VAN DENBURGH)

Phrynosoma frontalis VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 2, Vol. 4, 1894, p. 296.

Phrynosoma blainvillei (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 423.

Phrynosoma frontale STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 59.

TYPE LOCALITY: Bear Valley, San Benito County, California.

RANGE: El Dorado to Kern Counties, California.

Phrynosoma brevirostre (GIRARD)

Tapaya brevirostris GIRARD
U. S. Expl. Exp., Herp., 1858, p. 397.

Phrynosoma brevirostre COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 302.

TYPE LOCALITY: Plains of Nebraska.

RANGE: North Dakota, Wyoming, the basins of the Yellowstone and Platte Rivers.

Phrynosoma cerroense STEJNEGER

Phrynosoma cerroense STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 187.

Phrynosoma cerroense COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 428, fig. 75.

TYPE LOCALITY: Cerros Island, Lower California.

RANGE: The type locality.

Phrynosoma cornutum (HARLAN)

Agama cornuta HARLAN
Journ. Ac. Nat. Sci. Phila., Vol. 4, 1825, p. 299, pl. 20.
Phrynosoma cornutum GRAY
Griffith's Animal Kingdom, Syn. Rept., 1831, p. 9.
Phrynosoma brevicorne STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 60.
Phrynosoma cornutum COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 432, fig. 77.

TYPE LOCALITY: Great Plains east of the Rocky Mountains.

RANGE: Arkansas, Kansas to the northern states of Mexico, west to Colorado, New Mexico, and Arizona.

Phrynosoma coronatum (BLAINVILLE)

Agama (*Phrynosoma*) *coronata* BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 284, pl. 25, fig. 1.
Phrynosoma coronatum DUMÉRIL and BIBRON
Erp. Gén., Vol. 4, 1837, p. 318.
Phrynosoma coronatum COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 430.

TYPE LOCALITY: "California" by inference.

RANGE: Southern Lower California.

Phrynosoma ditmarsi STEJNEGER

Phrynosoma ditmarsi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 29, Feb. 2, 1906, p. 565.

TYPE LOCALITY: State of Sonora, Mexico, not far from boundary of Arizona.

RANGE: Northern Mexico and probably southern Arizona.

Phrynosoma douglassii douglassii (BELL)

Agama douglassii BELL
Trans. Linn. Soc. London, Vol. 16, 1833, p. 105, pl. 10.
Phrynosoma douglassii douglassii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 411, fig. 69.

TYPE LOCALITY: "In ora occidentali Americae Borealis ad ripas fluminis Columbiae."

RANGE: Oregon and Washington.

Phrynosoma douglassii hernandesi (GIRARD)

Tapaya hernandesi GIRARD
U. S. Expl. Exp., Herp., 1858, p. 395.
Phrynosoma douglassii hernandesi COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 413, fig. 70.

TYPE LOCALITY: New Mexico.

RANGE: The plateau region of Colorado, southern New Mexico, southeastern and central Arizona, southwestern Texas, and northern Sonora.

Phrynosoma douglassii ornatissimum (GIRARD)

Tapaya ornatissima GIRARD
U. S. Expl. Exp., Herp., 1858, p. 396.
Phrynosoma douglassii ornatissimum COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 415, fig. 71.

TYPE LOCALITY: Mountainous region of New Mexico.

RANGE: Deserts of northeastern Arizona, northern New Mexico, Colorado, Idaho, Nevada, and Utah.

Phrynosoma douglassii ornatum (GIRARD)

Phrynosoma ornatum GIRARD
U. S. Expl. Exp., Herp., 1858, Atlas, pl. 21, figs. 1–5.
Phrynosoma douglassii ornatum STEJNEGER
Copeia, No. 65, 1919, p. 4.

TYPE LOCALITY: Salt Lake.

RANGE: The Salt Lake basin.

Phrynosoma jamesi SCHMIDT

Phrynosoma jamesi SCHMIDT
Bull. Amer. Mus. Nat. Hist., Vol. 46, Dec. 7, 1922, p. 668, pl. 55–56.

TYPE LOCALITY: San Bartolomé Bay, Lower California.

RANGE: Same.

Phrynosoma m'callii (HALLOWELL)

Anota m'callii HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 182.
Phrynosoma maccallii COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 310.
Anota maccallii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 448, fig. 82.

TYPE LOCALITY: Colorado Desert between Vallecita [sic] and Camp Yuma, 160 miles east of San Diego, California.

RANGE: Southeastern California and southwestern Arizona.

Phrynosoma modestum GIRARD

Phrynosoma modestum GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, pp. 361, 365, pl. 6, figs. 4–8.
Anota modesta COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 437, fig. 78.

TYPE LOCALITY: The Rio Grande, west of San Antonio, Texas, and from between San Antonio and El Paso.

RANGE: Texas to Arizona and northern Mexico.

Phrynosoma nelsoni SCHMIDT

Phrynosoma nelsoni SCHMIDT
Bull. Amer. Mus. Nat. Hist., Vol. 46, Dec. 7, 1922, p. 666, pl. 54, fig. 2.

TYPE LOCALITY: San Quentin, Lower California.

RANGE: Same.

Phrynosoma platyrhinos GIRARD

Phrynosoma platyrhinos GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, pp. 361, 363, pl. 7, figs. 1–5.

Anota platyrhina COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 443, fig. 81.

TYPE LOCALITY: Great Salt Lake Valley, Utah.

RANGE: Washington southward to California, Utah, Idaho and Nevada, southwestern Arizona and northeastern Lower California.

Phrynosoma schmidti BARBOUR

Phrynosoma schmidti BARBOUR
Proc. N. Engl. Zoöl. Club, Vol. 7, Sept. 7, 1921, p. 113.

TYPE LOCALITY: Cerros Island, Lower California.

RANGE: Same.

Phrynosoma solare GRAY

Phrynosoma solaris GRAY
Cat. Liz. Brit. Mus., 1845, p. 229.

Phrynosoma solare COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 420, fig. 73.

TYPE LOCALITY: "California."

RANGE: Northern Lower California and extreme southern Arizona and Sonora.

ANGUIDAE (*FAMILY*)

Ophisaurus (*GENUS*)

DAUDIN, Bull. Soc. Philom. Paris, Vol. 3, No. 72, March, 1803, p. 188
TYPE: *ventralis*

Ophisaurus ventralis (LINNÉ)

GLASS-SNAKE, JOINT-SNAKE

Anguis ventralis LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 391.

Ophisaurus ventralis DAUDIN
Hist. Nat. Rept., Vol. 7, 1803, p. 352, pl. 88.
Ophisaurus ventralis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 494, fig. 88.

TYPE LOCALITY: Carolina.

RANGE: Southern United States, in the east distributed northward to Virginia and Tennessee, in the central valley to Wisconsin, the dune region of northern Indiana, westward to New Mexico, and southward to the State of Vera Cruz, Mexico.

Gerrhonotus (*GENUS*)

WIEGMANN, Isis, 1828, p. 379
TYPE: *tessellatus* = liocephalus

Gerrhonotus coeruleus WIEGMANN

Gerrhonotus coeruleus WIEGMANN
Isis, 1828, p. 380.
Gerrhonotus burnettii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 526, fig. 94.

TYPE LOCALITY: "Brasilia" (in errore; probably San Francisco, Calif.).

RANGE: Coast region of northern California.

Gerrhonotus infernalis BAIRD

Gerrhonotus infernalis BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 255.
Gerrhonotus liocephalus infernalis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 517, fig. 91.

TYPE LOCALITY: Devil's River, Texas.

RANGE: Southern Texas and northern Mexico.

Gerrhonotus kingii GRAY

Gerrhonotus kingii GRAY
Ann. Mag. Nat. Hist., Vol. 1, 1838, p. 390.
Gerrhonotus kingii VAN DENBURGH
Rept. of Western N. Amer., Vol. 1, 1922, p. 461.
Gerrhonotus nobilis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 65.

TYPE LOCALITY: Unknown.

RANGE: New Mexico, Arizona and northern Mexico.

Gerrhonotus multi-carinatus (BLAINVILLE)

Cordylus (*Gerrhonotus*) *multi-carinatus* BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 289, pl. 25, fig. 2.

Gerrhonotus multicarinatus Duméril and Bibron
Erp. Gén., Vol. 5, 1839, p. 404.
Gerrhonotus multicarinatus (part) Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 520.

TYPE LOCALITY: "California."

RANGE: Lower California.

Gerrhonotus palmeri (Stejneger)

Gerrhonotus scincicauda palmeri Stejneger
N. Amer. Fauna, No. 7, May 31, 1893, p. 196.
Gerrhonotus palmeri Van Denburgh
Occ. Papers Calif. Ac. Sci., No. 5, 1897, p. 113.
Gerrhonotus multicarinatus palmerii Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 525.

TYPE LOCALITY: South Fork King's River, California.

RANGE: Sierra Nevada slopes, in central California.

Gerrhonotus principis (Baird and Girard)

Elgaria principis Baird and Girard
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 175.
Gerrhonotus principis Stejneger
N. Amer. Fauna, No. 7, May 31, 1893, p. 197.
Gerrhonotus principis Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 529, fig. 95.

TYPE LOCALITY: Oregon and Puget Sound.

RANGE: British Columbia, western Washington and Oregon, northwestern California and Vancouver Island.

Gerrhonotus scincicauda scincicauda (Skilton)

Tropidolepis scincicauda Skilton
Amer. Journ. Sci. Arts, Ser. 2, Vol. 7, 1849, p. 202, pl. at p. 312, figs. 1–3.
Gerrhonotus scincicauda scincicauda Grinnell and Camp
Univ. California Publ. Zool., Vol. 17, No. 10, 1917, p. 166.
Gerrhonotus multicarinatus (part) Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 520, fig. 93.

TYPE LOCALITY: "Dalles of the Columbia."

RANGE: Washington, Oregon, and California west of the Sierra Nevada.

Gerrhonotus scincicauda webbii (Baird)

Gerrhonotus webbii Baird
Proc. Ac. Nat. Sci. Phila., 1858, p. 255.
Gerrhonotus scincicauda webbii Grinnell and Camp
Univ. California Publ. Zool., Vol. 17, No. 10, 1917, p. 168.

TYPE LOCALITY: "From San Diego to El Paso." [1]

RANGE: Southern California and northwestern Lower California.

Barissia (*GENUS*)

GRAY, Cat. Liz. Brit. Mus., 1845, p. 54
TYPE: *imbricata*

Barissia levicollis STEJNEGER

Barissia levicollis STEJNEGER
Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 184.
Barissia levicollis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 535, fig. 96.

TYPE LOCALITY: "Mexican Boundary."

RANGE: State of Durango, Mexico, north to the border.

ANNIELLIDAE (*FAMILY*)

Anniella (*GENUS*)

GRAY, Ann. Mag. Nat. Hist., Ser. 2, Vol. 10, 1852, p. 440
TYPE: *pulchra*

Anniella nigra FISCHER

Anniella nigra FISCHER
Abh. Naturw. Ver. Hamburg, Vol. 9, Pt. 1, 1886, p. 9.
Anniella pulchra var. *A. nigra* COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 675.

TYPE LOCALITY: San Diego, California, probably in errore.

RANGE: Country about Pacific Grove, California.

Anniella pulchra GRAY

Anniella pulchra GRAY
Ann. Mag. Nat. Hist., Ser. 2, Vol. 10, 1852, p. 440.
Anniella pulchra COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 674, fig. 138.

TYPE LOCALITY: California.

RANGE: Eastern and western slopes of the Sierras, coastal region of southern California and northern Lower California.

[1] Baird's MS. entry in U.S.N.M. register. Type U.S.N.M. No. 3078, a very young individual.

HELODERMATIDAE (*FAMILY*)

Heloderma (*GENUS*)

WIEGMANN, Isis, 1829, p. 624
TYPE: *horridum*

Heloderma suspectum COPE
GILA MONSTER

Heloderma suspectum COPE
Proc. Ac. Nat. Sci. Phila., 1869, p. 5.
Heloderma suspectum COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 476, fig. 87.

TYPE LOCALITY: Sierra de la Union, Arizona ("Sonora").

RANGE: Extreme southern Utah and Nevada, Arizona, and Sonora.

XANTUSIIDAE (*FAMILY*)

Xantusia (*GENUS*)

BAIRD, Proc. Ac. Nat. Sci. Phila., 1858, p. 255
TYPE: *vigilis*

Xantusia arizonae KLAUBER

Xantusia arizonae KLAUBER
Trans. San Diego Soc. Nat. Hist., Vol. 7, No. 1, Oct. 6, 1931, p. 1, pl. 1.

TYPE LOCALITY: Yarnell, Yavapai County, Arizona.

RANGE: The type locality.

Xantusia gilberti VAN DENBURGH

Xantusia gilberti VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 2, Vol. 5, 1895, p. 121, pl. 11.
Amoebopsis gilbertii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 555, fig. 101.

TYPE LOCALITY: San Francisquito, Sierra Laguna, Lower California.

RANGE: Southern Lower California.

Xantusia henshawi STEJNEGER

Xantusia henshawi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 16, July 21, 1893, p. 467.
Zablepsis henshavii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 553, fig. 100.

TYPE LOCALITY: Witch Creek, San Diego County, California.

RANGE: Rocky areas on both slopes of the mountains from southern Riverside County, California to the San Pedro Martir Mountains, Lower California.

Xantusia riversiana Cope

Xantusia riversiana Cope
Proc. Ac. Nat. Sci. Phila., 1883, p. 29.

Xantusia riversiana Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 550, fig. 99.

TYPE LOCALITY: California, according to Cope, but later stated by Professor Rivers to have been San Nicolas Island, off the California coast.

RANGE: San Nicolas, Santa Barbara, and San Clemente Islands, coast of California.

Xantusia vigilis Baird

Xantusia vigilis Baird
Proc. Ac. Nat. Sci. Phila., 1858, p. 255.

Xantusia vigilis Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 545, fig. 97.

TYPE LOCALITY: Fort Tejon, California.

RANGE: The deserts and desert mountains of the Californias and southern Nevada from the Inyo Mountains, Inyo County, California to San Felipe Bay and San Matias Pass, Lower California.

TEIIDAE (*FAMILY*)

Cnemidophorus (*GENUS*)

Wagler, Syst. Amph., 1830, p. 154
TYPE: *murinus*

THE SWIFTS OR WHIP-TAILS

Cnemidophorus bacatus Van Denburgh and Slevin

Cnemidophorus bacatus Van Denburgh and Slevin
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, July 30, 1921, p. 97.

TYPE LOCALITY: San Pedro Nolasco Island, Lower California.

RANGE: Same.

Cnemidophorus bartolomas Dickerson

Cnemidophorus bartolomas Dickerson
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 476.

TYPE LOCALITY: San Bartolomé Bay, Lower California.

RANGE: Same.

Cnemidophorus catalinensis VAN DENBURGH and SLEVIN

Cnemidophorus catalinensis VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, Dec. 17, 1921, p. 396.

TYPE LOCALITY: Santa Catalina Island, Lower California.

RANGE: Same.

Cnemidophorus ceralbensis (VAN DENBURGH and SLEVIN)

Verticaria ceralbensis VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, Dec. 17, 1921, p. 396.

TYPE LOCALITY: Ceralbo Island, Lower California.

RANGE: Same.

Cnemidophorus estebanensis DICKERSON

Cnemidophorus estebanensis DICKERSON
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 474.

TYPE LOCALITY: San Esteban Island, Gulf of California.

RANGE: Same.

Cnemidophorus grahamii BAIRD and GIRARD

Cnemidophorus grahamii BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 128.
Cnemidophorus grahamii grahamii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 598, fig. 117.

TYPE LOCALITY: Between San Antonio and El Paso, Texas.

RANGE: Texas.

Cnemidophorus gularis BAIRD and GIRARD

Cnemidophorus gularis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 128.
Cnemidophorus gularis gularis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 602, fig. 118.

TYPE LOCALITY: Indianola and San Pedro River, Texas.

RANGE: Arkansas and Oklahoma through Texas west to Arizona, also the northern states of Mexico.

Cnemidophorus hyperythrus hyperythrus (COPE)

Cnemidophorus hyperythrus COPE
Proc. Ac. Nat. Sci. Phila., 1863, p. 103.
Verticaria hyperythra hyperythra STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 65.
Verticaria hyperythra beldingi STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 69.
Verticaria espiritensis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 68.

Verticaria hyperythra schmidti Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 2, p. 1923, p. 69.

Verticaria hyperythra (part) Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 563.

TYPE LOCALITY: Cape San Lucas, Lower California.

RANGE: Southern California, Lower California, Cerros, Espiritu Santo, Magdalena, San Francisco, San Marcos, and Santa Margarita Islands.

Cnemidophorus hyperythrus caeruleus (Dickerson)

Verticaria caerulea Dickerson
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 472.

Cnemidophorus hyperythra caeruleus Burt
Bull. U. S. Nat. Mus., No. 154, 1931, p. 240.

TYPE LOCALITY: Carmen Island, Lower California.

RANGE: Same.

Cnemidophorus hyperythrus pictus (Van Denburgh and Slevin)

Verticaria picta Van Denburgh and Slevin
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, July 30, 1921, p. 98.

Cnemidophorus hyperythrus pictus Burt
Bull. U. S. Nat. Mus., No. 154, 1931, p. 242,

TYPE LOCALITY: Monserrate Island, Lower California.

RANGE: Same.

Cnemidophorus hyperythrus danheimae Burt

Cnemidophorus hyperythrus danheimae Burt
Proc. Biol. Soc. Wash., Vol. 42, 1929, p. 154, fig. 33.

Verticaria sericea Van Denburgh
Proc. Calif. Ac. Sci., Ser. 2, Vol. 5, 1895, p. 132, pl. 12.

Verticaria sericea Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 564, fig. 103.

TYPE LOCALITY: San José Island, Lower California.

RANGE: Same.

Cnemidophorus labialis Stejneger

Cnemidophorus labialis Stejneger
Proc. U. S. Nat. Mus., Vol. 14, June, 1890, p. 643.

Cnemidophorus labialis Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 610, fig. 122.

TYPE LOCALITY: Cerros Island, Lower California.

RANGE: Cerros Island, Lower California.

Cnemidophorus maximus Cope

Cnemidophorus maximus Cope
Proc. Ac. Nat. Sci. Phila., 1863, p. 104.
Cnemidophorus maximus Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 570, fig. 104.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

Cnemidophorus melanostethus Cope

Cnemidophorus melanostethus Cope
Proc. Ac. Nat. Sci. Phila., 1863, p. 104.
Cnemidophorus tessellatus melanostethus Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 581, fig. 109.

TYPE LOCALITY: "Region of the Colorado of California," Colorado Desert, Arizona.

RANGE: Deserts of southern Arizona.

Cnemidophorus perplexus Baird and Girard

Cnemidophorus perplexus Baird and Girard
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 128.
Cnemidophorus tessellatus perplexus (part) Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 573, fig. 106.

TYPE LOCALITY: Valley of the Rio San Pedro, tributary of the Rio Grande del Norte, Texas.

RANGE: Texas and New Mexico.

Cnemidophorus sexlineatus (Linné)

Lacerta sexlineata Linné
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 364.
Cnemidophorus sexlineatus Duméril and Bibron
Erp. Gén., Vol. 5, 1839, p. 1.
Cnemidophorus sexlineatus Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 593, fig. 116.

TYPE LOCALITY: In Carolina.

RANGE: Maryland to Florida, west to northern Mexico and Arizona and up the Mississippi Valley as far north as Lake Michigan.

Cnemidophorus tessellatus tessellatus (Say)

Ameiva tesselata Say
Long's Exp. Rocky Mts., Vol. 2, 1823, p. 50.
Cnemidophorus tessellatus tessellatus (part) Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 575, fig. 107.

Cnemidophorus tessellatus Baird
Pacif. R. R. Surv., Vol. 10, Pt. 4, 1859, p. 18.

Cnemidophorus dickersonae Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 70.

Cnemidophorus disparilis Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 71.

Cnemidophorus multiscutatus Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 72.

Cnemidophorus punctilinealis Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 72.

Cnemidophorus tessellatus mundus Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 73.

TYPE LOCALITY: Arkansas River, near Castle Rock Creek, Colorado.

RANGE: Texas to California, Utah, Colorado, Nevada, Isla Partida, near Espiritu Santo Island, Lower California, Cerros Island, Tiburon Island, and adjacent region of Sonora (Guaymas).

Cnemidophorus tessellatus canus (Van Denburgh and Slevin)

Cnemidophorus canus Van Denburgh and Slevin
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, July 30, 1921, p. 97.

Cnemidophorus tessellatus canus Burt
Bull. U. S. Nat. Mus., No. 154, 1931, p. 208.

TYPE LOCALITY: Sal Si Puedes Island, Lower California.

RANGE: Same, and North and South San Lorenzo Island.

Cnemidophorus tessellatus celeripes (Dickerson)

Cnemidophorus celeripes Dickerson
Bull. Amer. Mus. Nat. Hist., Vol. 41, Oct. 2, 1919, p. 472.

Cnemidophorus tessellatus celeripes Burt
Bull. U. S. Nat. Mus., No. 154, 1931, p. 202.

TYPE LOCALITY: San José Island, Lower California.

RANGE: Same.

Cnemidophorus tessellatus martyris (Stejneger)

Cnemidophorus martyris Stejneger
Proc. U. S. Nat. Mus., Vol. 14, Aug. 31, 1891, p. 407.

Cnemidophorus tessellatus martyris Burt
Bull. U. S. Nat. Mus., No. 154, p. 205.

TYPE LOCALITY: San Pedro Martir Island, Gulf of California.

RANGE: Type locality.

Cnemidophorus tessellatus rubidus COPE

Cnemidophorus tessellatus rubidus COPE
Trans. Amer. Philos. Soc., Ser. 2, Vol. 17, 1892, p. 36, pl. 12, fig. 1.

Cnemidophorus vandenburghi STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 74.

Cnemidophorus tessellatus rubidus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 584, fig. 110.

TYPE LOCALITY: Sta. Margarita Island, Lower California.

RANGE: Carmen, Sta. Margarita and Magdalena Islands, Lower California.

Cnemidophorus tessellatus stejnegeri (VAN DENBURGH)

Cnemidophorus stejnegeri VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 2, Vol. 4, 1894, p. 300.

Cnemidophorus tessellatus stejnegeri STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 68.

Cnemidophorus grahamii stejnegerii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 599.

TYPE LOCALITY: Near Ensenada, Lower California.

RANGE: Southern California and northern Lower California.

SCINCIDAE (*FAMILY*)

Leiolopisma (*GENUS*)

DUMÉRIL and BIBRON, Erp. Gén., Vol. 5, 1839, p. 742
TYPE: *telfairii*

Leiolopisma laterale (SAY)

Scincus lateralis SAY
Long's Exp. Rocky Mts., Vol. 2, 1923, p. 324.

Leiolopisma laterale JORDAN
Man. Vertebr. North. U. S., Ed. 8, 1899, p. 201.

Liolepisma laterale COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 622, fig. 123.

TYPE LOCALITY: Banks of Mississippi River below Cape Girardeau, Missouri.

RANGE: New Jersey to Florida, west to Illinois, Kansas, Oklahoma, and Texas.

Eumeces (*GENUS*)[1]

WIEGMANN, Herp. Mexicana, 1834, p. 36
TYPE: *pavimentatus*

Eumeces anthracinus (BAIRD)

Plestiodon anthracinus BAIRD
Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, fig. 294.
Eumeces anthracinus COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 45.
Eumeces anthracinus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 661, fig. 135.

TYPE LOCALITY: North Mountain near Carlisle, Pennsylvania.

RANGE: New York to North Carolina and Missouri, Arkansas, Kansas, and Texas.

Eumeces brevilineatus COPE

Eumeces brevilineatus COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 18.
Eumeces brevilineatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 664, fig. 137.

TYPE LOCALITY: Helotes, Bexar Co., Texas.

RANGE: Texas.

Eumeces callicephalus BOCOURT

Eumeces callicephalus BOCOURT
Miss. Sci. Mex., Rept., 1879, p. 431, pl. 22 D, fig. 2, pl. 22 E, fig. 2.
Eumeces callicephalus TAYLOR
Univ. Kansas Sci. Bull., Vol. 19, No. 7, Nov. 1929, p. 67.

TYPE LOCALITY: Guanajuato, Mexico.

RANGE: Table land of North Central Mexico north to the Huachuca Mountains, Arizona.

Eumeces egregius (BAIRD)

Plestiodon egregius BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 256.
Eumeces egregius COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 45.
Eumeces egregius COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 655, fig. 132.

[1] Two additional species of Eumeces, viz. *E. inexpectatus* and *E. laticeps*, have been recently recognized by E. H. Taylor (Univ. Kansas Science Bull., Vol. 22, No. 13, 1932, p. 251, and Univ. Kansas Science Bull., Vol. 22, No. 13, 1932, p. 263). The evidence thus far adduced does not support the validity of these forms.

TYPE LOCALITY: Indian Key, Florida.

RANGE: Western Florida and the Florida Keys north to Alachua County.

Eumeces fasciatus (LINNÉ)

BLUE-TAILED SKINK, SCORPION

Lacerta fasciata LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 209.
Eumeces fasciatus COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 45.
Eumeces quinquelineatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 632, fig. 125.

TYPE LOCALITY: Carolina.

RANGE: Southern New England to Florida, up the Mississippi Valley to Canada and westward to Arizona.

Eumeces humilis BOULENGER

Eumeces humilis BOULENGER
Cat. Liz. Brit. Mus., Vol. 3, 1887, p. 377.
Eumeces humilis MOSAUER
Occ. Pap. Mus. Zool., Univ. Michigan, No. 246, June 9, 1932, p. 10, pl. 1, fig. 3.

TYPE LOCALITY: Presidio (near Mazatlan), Mexico.

RANGE: Known from west coast of Mexico; has recently been found in the Guadalupe Mountains, Texas.

Eumeces longirostris (COPE)

Plestiodon longirostris COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 313.
Eumeces longirostris COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 45.
Eumeces longirostris COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 631, fig. 124.

TYPE LOCALITY: Bermuda.

RANGE: Bermuda.

Eumeces multivirgatus (HALLOWELL)

Plestiodon multivirgatum HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1857, p. 215.
Eumeces multivirgatus COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 45.
Eumeces epipleurotus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 650, fig. 129.
Eumeces leptogrammus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 651, fig. 130.

Eumeces multivirgatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 653, fig. 131.

TYPE LOCALITY: Posa Creek, 460 miles west of Fort Riley, Kansas.

RANGE: Nebraska to northern Texas; Colorado and New Mexico.

Eumeces obsoletus (BAIRD and GIRARD)

Plestiodon obsoletum BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 129.
Eumeces obsoletus COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 45.
Eumeces guttulatus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 75.
Eumeces obsoletus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 646, fig. 128.

TYPE LOCALITY: Valley of the Rio San Pedro, tributary of the Rio Grande del Norte, Texas.

RANGE: Utah and Kansas south to Northern Mexico.

Eumeces pachyurus COPE

Eumeces pachyurus COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 19.
Eumeces pachyurus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 659.

TYPE LOCALITY: Near Dallas, Texas.

RANGE: Oklahoma and Texas.

Eumeces pluvialis COPE

Eumeces pluvialis COPE
Bull. U. S. Nat. Mus., No. 17, 1880, p. 19.
Eumeces pluvialis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 663, fig. 136.

TYPE LOCALITY: Mobile, Alabama.

RANGE: Central Gulf area.

Eumeces septentrionalis (BAIRD)

Plestiodon septentrionalis BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 256.
Eumeces septentrionalis COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 44.
Eumeces septentrionalis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 656, fig. 133.

TYPE LOCALITY: Minnesota and Nebraska.

RANGE: Minnesota, Iowa, Nebraska, Kansas and Oklahoma.

Eumeces skiltonianus (BAIRD and GIRARD)

Plestiodon skiltonianum BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 349, pl. 4, figs. 4–6.
Eumeces skiltonianus COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 45.
Eumeces lagunensis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 75.
Eumeces skiltonianus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 640, fig. 126.

TYPE LOCALITY: Oregon.

RANGE: Washington, western Oregon, and most of California, except the extreme southwestern desert area; Lower California; eastward through Nevada to Utah.

Eumeces tetragrammus (BAIRD)

Plestiodon tetragrammus BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 256.
Eumeces tetragrammus COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 45.
Eumeces tetragrammus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 660.

TYPE LOCALITY: Lower Rio Grande.

RANGE: Southern Texas and northeastern Mexico.

Neoseps (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 39, Sept. 23, 1910, p. 33
TYPE: *reynoldsi*

Neoseps reynoldsi STEJNEGER

Neoseps reynoldsi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 39, Sept. 23, 1910, p. 34.

TYPE LOCALITY: Near Spring Lake, Fruitland Park, Lake Co., Florida.

RANGE: Central Florida.

AMPHISBAENIDAE (*FAMILY*)

Bipes (*GENUS*)

LATREILLE, Hist. Nat. Rept., Vol. 2, 1802, p. 90
TYPE: *canaliculatus*

Bipes biporus (COPE)

Euchirotes biporus COPE
Amer. Nat., Vol. 28, 1894, p. 436, figs. 5a–e.

Bipes biporus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 72.
Euchirotes biporus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 680, fig. 140.

TYPE LOCALITY: La Paz, Lower California.

RANGE: Southern Lower California.

Rhineura (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 75
TYPE: *floridana*

Rhineura floridana (BAIRD)

Lepidosternon floridanum BAIRD
Proc. Ac. Nat. Sci. Phila., 1858, p. 255.
Rhineura floridana COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 75.
Rhineura floridana COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 686, fig. 141.

TYPE LOCALITY: Micanopy, Florida.

RANGE: Northern and central Florida.

SERPENTES (*SUBORDER*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214

LEPTOTYPHLOPIDAE (*FAMILY*)

Leptotyphlops (*GENUS*)

FITZINGER, SYST. REPT., 1843, p. 24
TYPE: *nigricans*

Leptotyphlops dulcis (BAIRD and GIRARD)

Rena dulcis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 142.
Leptotyphlops dulcis STEJNEGER
Proc. U. S. Nat. Mus., Vol. 14, Oct. 31, 1891, p. 501.
Glauconia dulcis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 717, fig. 143.

TYPE LOCALITY: Between San Pedro and Comanche Springs, Texas.

RANGE: Northern Mexico, Texas, Oklahoma and New Mexico.

Leptotyphlops humilis humilis (BAIRD and GIRARD)

Rena humilis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 143.
Leptotyphlops humilis humilis KLAUBER
Trans. San Diego Nat. Hist. Soc., Vol. 6, No. 23, July 8, 1931, p. 343.
Glauconia humilis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 719, fig. 144.
Siagonodon humilis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 79.

TYPE LOCALITY: Valliecitas [sic], California.

RANGE: San Diego Co., California from the coast to the crest of the divide.

Leptotyphlops humilis cahuilae KLAUBER

Leptotyphlops humilis cahuilae KLAUBER
Trans. San Diego Nat. Hist. Soc., Vol. 6, No. 23, July 8, 1931, p. 339.

TYPE LOCALITY: Yaqui Well, San Diego Co., California.

RANGE: Colorado and Yuma Deserts of California and Arizona.

Leptotyphlops humilis slevini KLAUBER

Leptotyphlops humilis slevini KLAUBER
Trans. San Diego Nat. Hist. Soc., Vol. 6, No. 23, July 8, 1931, p. 338.

TYPE LOCALITY: La Paz, Lower California.

RANGE: Cape Region of Lower California.

Leptotyphlops myopica (GARMAN)

Stenostoma myopicum GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, No. 3, 1883, p. 6.
Glauconia dissecta COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 716, fig. 142.

TYPE LOCALITY: Near Tampico, Mexico.

RANGE: Northern Mexico into southern New Mexico.

BOIDAE (*FAMILY*)

Lichanura (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 304
TYPE: *trivirgata*

Lichanura roseofusca roseofusca (COPE)

Lichanura roseofusca COPE
Proc. Ac. Nat. Sci. Phila., 1868, p. 2.

Lichanura roseofusca roseofusca KLAUBER
Trans. San Diego Soc. Nat. Hist., Vol. 6, No. 20, Apr. 30, 1931, p. 316.

Lichanura roseofusca COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 724, fig. 146.

TYPE LOCALITY: Northern Lower California.

RANGE: Southwestern California and northern Lower California.

Lichanura roseofusca gracia KLAUBER

Lichanura roseofusca gracia KLAUBER
Trans. San Diego Soc. Nat. Hist., Vol. 6, No. 20, Apr. 30, 1931, p. 307.

TYPE LOCALITY: Randsburg, Kern Co., California.

RANGE: Desert regions of southeastern California and southwestern Arizona.

Lichanura trivirgata COPE

Lichanura trivirgata COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 304.

Lichanura trivirgata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 723, fig. 145.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

Charina (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 113
TYPE: *bottae*

Charina bottae (BLAINVILLE)

RUBBER-SNAKE, BALL-SNAKE

Tortrix bottae BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 289, pl. 26, figs. 1–1B.

Charina bottae GRAY
Cat. Snakes Brit. Mus., 1849, p. 113.

Charina bottae COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 728, fig. 148.

TYPE LOCALITY: California.

RANGE: Humid districts of California south to San Bernardino Mountains, Nevada, Idaho, Oregon, and Washington, east to Montana, Wyoming, and Utah.

COLUBRIDAE (*FAMILY*)

Carphophis (*GENUS*)

GERVAIS, D'Orbigny's Dict. Univ. Hist. Nat., Vol. 3, 1843, p. 191

TYPE: *amoena*

WORM-SNAKES

Carphophis amoena amoena (SAY)

Coluber amoenus SAY
Journ. Ac. Nat. Sci. Phila., Vol. 4, Pt. 2, 1825, p. 237.

Carphophis amoena amoena BLANCHARD
Papers Mich. Acad. Sci. Arts Letters, Vol. 4, 1924, p. 527.

Carphophiops amoenus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 735, fig. 151.

TYPE LOCALITY: Pennsylvania.

RANGE: Connecticut to New York, south to Florida, and west into the Appalachian Mountains.

Carphophis amoena helenae (KENNICOTT)

Celuta helenae KENNICOTT
Proc. Acad. Nat. Sci. Phila., 1859, p. 100.

Carphophis amoena helenae BLANCHARD
Papers Mich. Acad. Sci. Arts Letters, Vol. 4, 1924, p. 527.

TYPE LOCALITY: Monticello, Mississippi.

RANGE: Central Illinois south to Mississippi, east to northwest Alabama, the Tennessee Valley to eastern Tennessee, West Virginia and eastern Ohio.

Carphophis amoena vermis (KENNICOTT)

Celuta vermis KENNICOTT
Proc. Acad. Nat. Sci. Phila., 1859, p. 99.

Carphophis amoena vermis BLANCHARD
Papers Mich. Acad. Sci. Arts Letters, Vol. 4, 1924, p. 527.

Carphophiops vermis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 737, fig. 152.

TYPE LOCALITY: Missouri.

RANGE: Southeastern Nebraska and central Missouri through eastern Oklahoma, Arkansas, Louisiana, Kansas and Texas.

Abastor (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 78
TYPE: *erythrogrammus*

Abastor erythrogrammus (DAUDIN)

RAINBOW-SNAKE

Coluber erythrogrammus DAUDIN
Hist. Nat. Rept., Vol. 7, 1803, p. 93, pl. 83, figs. 2a–b.
Abastor erythrogrammus GRAY
Cat. Snakes Brit. Mus., 1849, p. 78.
Abastor erythrogrammus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 738, fig. 153.

TYPE LOCALITY: États Unis d'Amérique.
RANGE: Virginia southward to Florida and Alabama.

Farancia (*GENUS*)

GRAY, Zool. Misc., 1832, p. 78
TYPE: *drummondi* = abacura

Farancia abacura (HOLBROOK)

HORN-SNAKE, MUD-SNAKE

Coluber abacurus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 119, pl. 23.
Farancia abacura BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 123.
Farancia abacura COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 741, fig. 154.

TYPE LOCALITY: South Carolina.
RANGE: Virginia to Florida and westward to Louisiana and Texas, in the Mississippi Valley northward to Indiana.

Diadophis (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 112
TYPE: *punctatus*

RING-NECK SNAKES

Diadophis amabilis amabilis (BAIRD and GIRARD)

Diadophis amabilis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 113.
Diadophis amabilis amabilis BLANCHARD
Occ. Papers, Mus. Zool. Univ. Michigan, No. 142, July 9, 1923, p. 3.
Diadophis amabilis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 746, figs. 157, 160.

TYPE LOCALITY: San José, California.

RANGE: California, restricted to the regions about San Francisco and the San Joachin and Sacramento Valleys.

Diadophis amabilis modestus (DUMÉRIL and BOCOURT)

Diadophis punctatus var. *modestus* DUMÉRIL and BOCOURT
Miss. Sci. Mexique, Vol. 3, Pt. 10, 1886, p. 623.
Diadophis amabilis modestus BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 142, July 9, 1923, p. 8.

TYPE LOCALITY: California.

RANGE: San Bernardino Mountains, Los Angeles County, and Santa Catalina Island, California.

Diadophis amabilis occidentalis BLANCHARD

Diadophis amabilis occidentalis BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 142, July 9, 1923, p. 6.

TYPE LOCALITY: Bridgeville, Humboldt County, California.

RANGE: From Sonoma County, northward perhaps to the Columbia River.

Diadophis amabilis pulchellus (BAIRD and GIRARD)

Diadophis pulchellus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 115.
Diadophis amabilis pulchellus BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 142, July 9, 1923, p. 8.

TYPE LOCALITY: El Dorado County, California.

RANGE: Western slopes of the Sierra Nevada, south perhaps to Tejon Pass in California and north perhaps to southern Oregon.

Diadophis amabilis similis BLANCHARD

Diadophis amabilis similis BLANCHARD
Occ. Papers Mus. Zoöl. Univ. Michigan, No. 142, July 9, 1923, p. 4.

TYPE LOCALITY: San Diego, California.

RANGE: From southwestern San Bernadino County south into the San Pedro Martir range in Lower California.

Diadophis amabilis vandenburghi BLANCHARD

Diadophis amabilis vandenburghi BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 142, July 9, 1923, p. 5.

TYPE LOCALITY: Carmel, Monterey County, California.

RANGE: Ventura to Santa Cruz County, California.

Diadophis anthonyi VAN DENBURGH and SLEVIN

Diadophis anthonyi VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 13, No. 1, July 25, 1923, p. 1.

TYPE LOCALITY: South Todos Santos Island, Lower California.

RANGE: Same.

Diadophis punctatus punctatus (LINNÉ)

Coluber punctatus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 376.
Diadophis punctatus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 112.
Diadophis punctatus punctatus BARBOUR
Proc. N. Engl. Zoöl. Club, Vol. 7, 1919, p. 7.
Diadophis punctatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 751, fig. 162.

TYPE LOCALITY: Carolina.

RANGE: Southeastern states lowlands from Florida, northward to northern North Carolina from sea-level to about 2500 feet, possibly higher in the mountains of South Carolina and Georgia.

Diadophis punctatus arnyi (KENNICOTT)

Diadophis arnyi KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1859, p. 99.
Diadophis regalis arnyi COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 745, fig. 156.

TYPE LOCALITY: Hyatt, Anderson County, Kansas.

RANGE: Ohio, northern Illinois, Indiana, Kansas, Iowa, Missouri, northwestern Arkansas, Oklahoma, and Texas.

Diadophis punctatus edwardsii (MERREM)

Coluber edwardsii MERREM
Tent. Syst. Amphib., 1820, p. 136.
Diadophis punctatus edwardsii BARBOUR
Proc. N. Eng. Zoöl. Club, Vol. 7, 1919, p. 9.

TYPE LOCALITY: Pennsylvania.

RANGE: The mountains of the Carolinas through the Appalachians northward to the Northern Peninsula of Michigan, Wisconsin, southern Canada, and the Maritime Provinces.

Diadophis punctatus stictogenys COPE

Diadophis punctatus var. *stictogenys* COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 250.

TYPE LOCALITY: Unknown.

RANGE: Southern Illinois, through the lower Mississippi Valley to the Gulf.

Diadophis regalis regalis (BAIRD and GIRARD)

Diadophis regalis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 115.
Diadophis regalis regalis BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 142, July 9, 1923, p. 1.
Diadophis regalis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 744, fig. 155.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Southern Utah, southeastern Arizona, to central Texas and to the state of Vera Cruz, Mexico.

Diadophis regalis arizonae BLANCHARD

Diadophis regalis arizonae BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 142, July 9, 1923, p. 2.

TYPE LOCALITY: Sabino Cañon, Arizona.

RANGE: Central Arizona to northern Sonora.

Heterodon (*GENUS*)

LATREILLE, Hist. Nat. Rept., Vol. 4, 1802, p. 32
TYPE: *platirhinos* = contortrix

HOG-NOSE SNAKES

Heterodon browni STEJNEGER

Heterodon browni STEJNEGER
Proc. Biol. Soc. Washington, Vol. 16, 1903, p. 123.

TYPE LOCALITY: Lemon City, Florida.

RANGE: Extreme southern Florida.

Heterodon contortrix (LINNÉ)

PUFFING ADDER, SPREADING ADDER

Boa contortrix LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 373.
Heterodon contortrix STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 76.
Heterodon platyrhinus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 761, fig. 165.

TYPE LOCALITY: Carolina.

RANGE: Massachusetts to Florida westward to Texas and northward through the states of the Mississippi basin to Minnesota.

Heterodon nasicus BAIRD and GIRARD

Heterodon nasicus BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 352.

Heterodon nasicus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 772, fig. 168.

TYPE LOCALITY: Texas.

RANGE: Southwestern Iowa, Kansas and Nebraska west to Montana and south to northern Mexico. Common along the Mexican border from Texas to Arizona.

Heterodon simus (LINNÉ)

Coluber simus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 375.

Heterodon simus HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 57, pl. 15.

Heterodon simus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 770, fig. 167.

TYPE LOCALITY: Carolina.

RANGE: Southeastern States, Indiana to Florida.

Liopeltis (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26
TYPE: *tricolor*

Liopeltis vernalis (HARLAN)

SMOOTH GREEN-SNAKE

Coluber vernalis HARLAN
Journ. Ac. Nat. Sci. Phila., Vol. 5, 1827, p. 361.

Liopeltis vernalis COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 560.

Liopeltis vernalis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 782, fig. 169.

TYPE LOCALITY: Pennsylvania and New Jersey are mentioned as habitat.

RANGE: Southern Canada through the Eastern and Middle States south to Florida and Texas, New Mexico. North Dakota and Colorado.

Opheodrys (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26
TYPE: *aestivus*

Opheodrys aestivus (LINNÉ)

ROUGH GREEN-SNAKE

Coluber aestivus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 387.

Opheodrys aestivus COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 560.

Cyclophis aestivus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 784, fig. 170.

TYPE LOCALITY: Carolina.

RANGE: Connecticut to Florida, westward to New Mexico, in the Mississippi drainage basin found in the southern portion and northward to Kansas and Illinois.

Coluber (*GENUS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 216
TYPE: *constrictor*

Coluber anthonyi (STEJNEGER)

Bascanion anthonyi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 23, June 5, 1901, p. 715.

Coluber anthonyi STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 78.

TYPE LOCALITY: Clarion Island, Revilla Gigedo group, off west coast of Mexico.

RANGE: Clarion Island, Revilla Gigedo group, off west coast of Mexico.

Coluber aurigulus (COPE)

Drymobius aurigulus COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 301.

Coluber aurigulus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 78.

Zamenis aurigulus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 810, fig. 179.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

Coluber barbouri VAN DENBURGH and SLEVIN

Coluber barbouri VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, July 30, 1921, p. 98.

TYPE LOCALITY: Isla Partida, Espiritu Santo Island, Lower California.

RANGE: Same.

Coluber constrictor constrictor (LINNÉ)

BLACK-SNAKE

Coluber constrictor (part) LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 216.
Zamenis constrictor (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 791, fig. 171.

TYPE LOCALITY: "Habitat in America septentrionale."

RANGE: The whole of the eastern United States, westward to Texas and the Great Plains.

Coluber constrictor flaviventris (SAY)

WESTERN OR BLUE RACER

Coluber flaviventris SAY
Long's Exp. Rocky Mts., Vol. 1, 1823, p. 185.
Coluber constrictor flaviventris GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, No. 3, 1883, p. 147.

TYPE LOCALITY: Stone quarry on west side of Missouri River three miles above the mouth of Boyer's River.

RANGE: Central and southwestern States.

Coluber constrictor mormon (BAIRD and GIRARD)

Coluber mormon BAIRD and GIRARD
Stansbury's Expl. Surv. Vall. Great Salt Lake, Append. C, Rept., 1852, p. 351.
Coluber constrictor mormon VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Vol. 11, 1921, p. 28.

TYPE LOCALITY: Valley of the Great Salt Lake, Utah.

RANGE: From the Pacific Ocean east to Montana, south into California, Idaho, Nevada and Utah.

Coluber flagellum flagellum (SHAW)

COACH WHIP

Coluber flagellum SHAW
Gen. Zool., Vol. 3, 1802, p. 475.
Zamenis flagellum flagellum COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 799, fig. 174.

TYPE LOCALITY: Carolina and Virginia.

RANGE: Virginia to Florida, westward to the Rocky Mountains.

Coluber flagellum flavi-gularis (HALLOWELL)

Psammophis flavi-gularis HALLOWELL
Proc. Acad. Nat. Sci. Phila., 1852, p. 178.

Masticophis flagellum flavigularis ORTENBURGER
Mem. Univ. Mich. Mus., Vol. 1, 1928, p. 92.

TYPE LOCALITY: Cross Timbers, Indian Territory.

RANGE: Northern Kansas, southeastern Colorado south to central Mexico.

Coluber flagellum frenatum (STEJNEGER)

Bascanion flagellum frenatum STEJNEGER
N. Am. Fauna, No. 7, 1893, p. 208.

Coluber flagellum frenatum ORTENBURGER
Mem. Univ. Mich. Mus., Vol. 1, 1928, p. 112.

TYPE LOCALITY: Mountain Springs, Colorado Desert, San Diego Co., California.

RANGE: Central and southern California, Lower California. Nevada, Utah, Arizona and Sonora to Sinaloa.

Coluber piceus (COPE)

Bascanium piceum COPE
Proc. U. S. Nat. Mus., Vol. 14, March 28, 1892, p. 625.

Coluber flagellum piceus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 79.

Zamenis flagellum piceus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 804, fig. 175.

TYPE LOCALITY: Camp Grant, Arizona.

RANGE: Southern Arizona and Lower California.

Coluber lateralis (HALLOWELL)

Leptophis lateralis HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 237.

Coluber lateralis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 80.

Zamenis lateralis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 807, fig. 177.

TYPE LOCALITY: California.

RANGE: Southern and Lower California.

Coluber ruthveni (ORTENBURGER)

Masticophis ruthveni ORTENBURGER
Occ. Papers Mus. Zool. Univ. Michigan, No. 139, July 9, 1923, p. 3, pl. 1–3.

TYPE LOCALITY: Brownsville, Texas.

RANGE: Southeastern Texas and Tamaulipas, Mexico.

Coluber schotti (BAIRD and GIRARD)

Masticophis schotti BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 160.
Coluber schotti STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 80.
Zamenis schotti COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 811, fig. 18a.

TYPE LOCALITY: Eagle Pass, Texas.

RANGE: Southern Texas and northeastern Mexico.

Coluber semilineatus (COPE)

Bascanium semilineatum COPE
Proc. U. S. Nat. Mus., Vol. 14, March 28, 1892, p. 626.
Coluber semilineatus STEJNEGER and BARBOUR
Check List. N. Amer. Amph. Rept., Ed. 1, 1917, p. 80.
Zamenis semilineatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 805, fig. 176.

TYPE LOCALITY: Camp Grant and Colorado River, Arizona.

RANGE: Arizona and the adjacent territory of Mexico.

Coluber taeniatus taeniatus (HALLOWELL)

Leptophis taeniata HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 181.
Coluber taeniatus GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, No. 3, 1883, p. 46.
Zamenis taeniatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 815, fig. 182.

TYPE LOCALITY: New Mexico west of Rio Grande.

RANGE: Idaho and Utah, southward to all the border states just entering Texas and California.

Coluber taeniatus girardi STEJNEGER and BARBOUR

Coluber taeniatus girardi STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 80.
Zamenis ornatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 813, fig. 181.

TYPE LOCALITY: "Between Indianola and El Paso," Texas.

RANGE: Western Texas.

Salvadora (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 104
TYPE: *grahamiae*

Salvadora grahamiae BAIRD and GIRARD

PATCH-NOSE SNAKE

Salvadora grahamiae BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 104.
Salvadora grahamiae (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 818.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Utah southward through all the border states eastward of Arizona and into Mexico as far south as the State of Hidalgo.

Salvadora hexalepis (COPE)

Phimothyra hexalepis COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 304.
Salvadora hexalepis STEJNEGER and BARBOUR
Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 154.
Salvadora grahamiae (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 818, fig. 183.

TYPE LOCALITY: Fort Whipple, Arizona.

RANGE: Arizona, southern California, and Lower California.

Phyllorhynchus (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 151
TYPE: *browni*

Phyllorhynchus browni STEJNEGER

Phyllorhynchus browni STEJNEGER
Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 152.
Phyllorhynchus browni COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 821, fig. 184.

TYPE LOCALITY: Tucson, Arizona.

RANGE: Southern Arizona.

Phyllorhynchus decurtatus (COPE)

Phimothyra decurtata COPE
Proc. Ac. Nat. Sci. Phila., 1868, p. 310.
Phyllorhynchus decurtatus STEJNEGER
Proc. U. S. Nat. Mus., Vol. 13, 1890, p. 154.
Phyllorhynchus decurtatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 823, fig. 186.

TYPE LOCALITY: "In the upper part of Lower California."

RANGE: Lower California, north to southern California, southwestern Arizona and Nevada.

Elaphe (*GENUS*)

FITZINGER in WAGLER, Descr. Icon. Amph., Pt. 3, 1833, text to plate 27

TYPE: *parreysii* = quatuorlineata

Elaphe bairdi (YARROW)

Coluber bairdi YARROW
Bull. U. S. Nat. Mus., No. 17, 1880, p. 41.
Elaphe bairdi STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 82.
Coluber bairdii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 854, fig. 198.

TYPE LOCALITY: Fort Davis, 50 miles northwest of Presidio, Texas.

RANGE: Known only from type locality and from Matagorda Co., Texas.

Elaphe chlorosoma (GÜNTHER)

Coluber chlorosoma GÜNTHER
Biol. Centr.-Amer., Rept., 1894, p. 115, pl. 41.
Elaphe chlorosoma STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 82.

TYPE LOCALITY: Atoyak and Amula in Guerrero and San Ramon in Jalisco, Mexico.

RANGE: Guerrero and Jalisco, Mexico, northward to the Santa Rita Mountains in Arizona.

Elaphe guttata (LINNÉ)

CORN-SNAKE

Coluber guttatus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 385.
Elaphis guttatus DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 273.
Coluber guttatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 833, figs. 189, 190.

TYPE LOCALITY: Carolina.

RANGE: New Jersey to Florida, Louisiana, Missouri and Mississippi.

Elaphe laeta (BAIRD and GIRARD)

Scotophis laetus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 77.
Elaphe laeta STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 82.
Coluber laetus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 850, fig. 196.
Coluber emoryi COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 852, fig. 197.

TYPE LOCALITY: Red River, Arkansas.

RANGE: Kansas southward to Central Mexico.

Elaphe obsoleta obsoleta (SAY)

PILOT BLACK-SNAKE

Coluber obsoletus SAY
Long's Exp. Rocky Mts., Vol. 1, 1823, p. 140.
Elaphis obsoletus GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, No. 3, 1883, p. 54.
Coluber obsoletus obsoletus (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 844, fig. 194.

TYPE LOCALITY: Isle au Vache [sic] to Council Bluffs on the Missouri River.

RANGE: Southern New England westward to Michigan, southward to Texas, Louisiana, and Florida.

Elaphe obsoleta confinis (BAIRD and GIRARD)

Scotophis confinis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 76.
Elaphe obsoleta confinis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 83.
Coluber confinis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 829, fig. 187.

TYPE LOCALITY: Anderson, South Carolina.

RANGE: South Atlantic and Gulf States and states of southern Mississippi Valley.

Elaphe quadrivittata quadrivittata (HOLBROOK)

CHICKEN-SNAKE

Coluber quadrivittatus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 113, pl. 21.
Coluber quadrivittatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 838, fig. 192.

TYPE LOCALITY: "North Carolina to Florida and westward as far as the Mississippi."

RANGE: Carolina to Florida and west to the Mississippi River.

Elaphe quadrivittata deckerti BRADY

Elaphe quadrivittata deckerti BRADY
Proc. Biol. Soc. Wash., Vol. 45, April 2, 1932, p. 5.

TYPE LOCALITY: Lower Matecumbe [sic] Key, Florida.

RANGE: The upper Florida Keys.

Elaphe rosacea (COPE)

Coluber rosaceus COPE
Proc. U. S. Nat. Mus., Vol. 11, 1888, p. 388, pl. 36, fig. 3.
Elaphe rosacea BARBOUR
Copeia, No. 84, July 31, 1920, p. 68.

TYPE LOCALITY: Key West, Florida.

RANGE: The lower Florida Keys.

Elaphe rosaliae (MOCQUARD)

Coluber rosaliae MOCQUARD
Nouv. Arch. Mus. Hist. Nat. Paris, Ser. 4, Vol. 1, 1899, p. 321, pl. 12, figs. 1–1b.
Elaphe rosaliae STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 84.

TYPE LOCALITY: Sta. Rosalia, Lower California.

RANGE: Central and southern Lower California.

Elaphe subocularis (BROWN)

Coluber subocularis BROWN
Proc. Ac. Nat. Sci. Phila., 1901, p. 492, pl. 29.
Elaphe subocularis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 84.

TYPE LOCALITY: Davis Mountains, Jeff Davis Co., 50 miles south of Pecos, Texas.

RANGE: Davis Mountains and Mt. Franklin, El Paso County, Texas.

Elaphe vulpina (BAIRD and GIRARD)

FOX-SNAKE

Scotophis vulpinus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 75.
Elaphe vulpinus RUTHVEN
Eleventh Rep. Mich. Ac. Sci., 1909, p. 116.
Coluber vulpinus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 831, fig. 188.

TYPE LOCALITY: Racine, Wisconsin.

RANGE: Indiana, Iowa, and Illinois, to Michigan, Minnesota, and Lake Superior.

Drymobius (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26
TYPE: *margaritiferus*

Drymobius margaritiferus (SCHLEGEL)

Herpetodryas margaritiferus SCHLEGEL
Essai Physion. Serp., Vol. 2, 1837, p. 184.
Drymobius margaritiferus COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 561.

TYPE LOCALITY: New Orleans (in errore).
RANGE: Southwestern Texas to Venezuela and Colombia.

Drymarchon (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26.
TYPE: *corais*

Drymarchon corais couperi (HOLBROOK)

GOPHER-SNAKE, INDIGO-SNAKE

Coluber couperi HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 3, 1842, p. 75, pl. 16.
Drymarchon corais couperi STRECKER
Baylor Bulletin, Vol. 18, No. 4, Aug. 1915, p. 32.
Compsosoma corais couperii (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 858, figs. 199, 200.

TYPE LOCALITY: Dry pine hills south of Alatamaha [sic], Georgia.
RANGE: Carolinas to Florida, westward to Texas.

Drymarchon corais melanurus (DUMÉRIL and BIBRON)

Spilotes melanurus DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 224.
Drymarchon corais melanurus STEJNEGER
N. Amer. Fauna, No. 14, 1899, p. 70.

TYPE LOCALITY: Mexico.
RANGE: Extreme southwestern Texas to northwestern South America.

Arizona (*GENUS*)

KENNICOTT in BAIRD, U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 18
TYPE: *elegans*

Arizona elegans elegans (KENNICOTT)

Arizona elegans KENNICOTT
in Baird, U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 18, pl. 13.

Arizona elegans elegans BLANCHARD
Occ. Papers Mus. Zool. Univ. Mich., No. 150, April 28, 1924, p. 1.
Rhinechis elegans COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 863, fig. 201.

TYPE LOCALITY: Rio Grande, Texas, and between Arkansas and Cimarron, Oklahoma.

RANGE: Border states of United States and northern states of Mexico.

Arizona elegans occidentalis BLANCHARD

Arizona elegans occidentalis BLANCHARD
Occ. Papers Mus. Zool. Univ. Mich., No. 150, April 26, 1924, p. 1.

TYPE LOCALITY: La Jolla, California.

RANGE: Southeastern Arizona, southern California and Lower California.

Pituophis (*GENUS*)

HOLBROOK, N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 7
TYPE: *melanoleucus*

Pituophis catenifer catenifer (BLAINVILLE)

WESTERN BULL-SNAKE

Coluber catenifer BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 290, pl. 26, figs. 2–2b.
Pituophis catenifer BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 69.
Pituophis catenifer heermanni STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 95.
Pityophis catenifer COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 876, fig. 208.

TYPE LOCALITY: California.

RANGE: California to British Columbia.

Pituophis catenifer annectens (BAIRD and GIRARD)

Pituophis annectens BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 72.
Pituophis catenifer annectens VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 4, Vol. 9, Aug. 21, 1919, p. 216.

TYPE LOCALITY: San Diego, California.

RANGE: Coast of southern and northern Lower California.

Pituophis catenifer deserticola STEJNEGER

Pituophis catenifer deserticola STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 206.

Pituophis catenifer stejnegeri STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 95.

TYPE LOCALITY: Great basin and southwestern deserts.

RANGE: Desert regions of southern California, Nevada and Utah, north to Idaho and eastern parts of Oregon and Washington.

Pituophis deppei deppei (DUMÉRIL and BIBRON)

Elaphis deppei DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 268.
Pituophis deppei deppei STULL
Occ. Papers Mus. Zool., Univ. Mich., No. 250, 1932, p. 1.
Epiglottophis pleurostictus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 861.

TYPE LOCALITY: Mexico.

RANGE: Hay's County, Texas and Real de Pinos, California to southern Oaxaca, Mexico.

Pituophis lödingi BLANCHARD

Pituophis lödingi BLANCHARD
Papers Mich. Acad. Sci. Arts Letters, Vol. 4, 1924, p. 531.

TYPE LOCALITY: Grand Bay, Mobile Co., Alabama.

RANGE: Southern Alabama.

Pituophis melanoleucus (DAUDIN)

PINE-SNAKE

Coluber melanoleucus DAUDIN
Hist. Nat. Rept., Vol. 6, 1803, p. 409.
Pituophis melanoleucus HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 7, pl. 1.
Pituophis melanoleucus melanoleucus BARBOUR
Proc. N. Engl. Zoöl. Club, Vol. 7, Oct. 22, 1921, p. 117.
Pityophis melanoleucus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 867, fig. 203.

TYPE LOCALITY: South Carolina and Florida.

RANGE: Pine barrens of southern New Jersey to South Carolina, west to Tennessee.

Pituophis mugitus [1] (BARBOUR)

Pituophis melanoleucus mugitus BARBOUR
Proc. N. Engl. Zoöl. Club, Vol. 7, Oct. 22, 1921, p. 117.

TYPE LOCALITY: Ten miles north of West Palm Beach, Florida.

RANGE: Peninsular Florida.

[1] This species, the preceding, and the following may be subspecies, but they are very different and their respective ranges may not meet.

Pituophis ruthveni (STULL)

Pituophis melanoleucus ruthveni STULL
Occ. Papers Mus. Zool. Univ. Mich., No. 205, June 19, 1929, p. 1.

TYPE LOCALITY: Longleaf, Rapides County, Louisiana.

RANGE: Type locality.

Pituophis sayi sayi (SCHLEGEL)

BULL-SNAKE

Coluber sayi SCHLEGEL
Essai Physion. Serp., Pt. 2, 1837, p. 157.
Pityophis sayi sayi COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 870, fig. 204.

TYPE LOCALITY: Missouri.

RANGE: Northern Mexico and Texas north to Wisconsin and Alberta.

Pituophis sayi affinis (HALLOWELL)

Pituophis affinis HALLOWELL
Proc. Ac. Nat. Sci. Phila., 1852, p. 181.
Pituophis sayi affinis STULL
Occ. Papers Mus. Zool. Univ. Mich., No. 250, Oct. 12, 1932, p. 4.
Pituophis catenifer rutilus VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 4, Vol. 10, Aug. 6, 1920, p. 24, pl. 2, fig. 2.
Pityophis sayi bellona COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 872 (part).

TYPE LOCALITY: New Mexico.

RANGE: Southern Colorado south in Chihuahua, Mexico; west through Arizona and southern California and south to Colorado Desert, Lower California.

Pituophis vertebralis (BLAINVILLE)

Coluber vertebralis BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 293, pl. 27, figs. 2–2b.
Pituophis vertebralis DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 238.
Pityophis vertebralis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 879, fig. 209.

TYPE LOCALITY: California, a term which formerly included Lower California.

RANGE: Throughout Lower California, as far north into California as Jim Grey, San Bernardino County. It occurs also on the outlying islands of Cerros, Margarita and Magdalena.

Rhadinaea (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1863, p. 101.[1]
TYPE: *vermiculaticeps*

Rhadinaea flavilata (COPE)

Dromicus flavilatus COPE
Proc. Ac. Nat. Sci. Phila., 1871, p. 222.
Leimadophis flavilatus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 86, Ed 2, 1923, p. 96.
Rhadinaea flavilata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 759, fig. 164.

TYPE LOCALITY: Fort Macon, North Carolina.
RANGE: The Carolinas to Florida.

Lampropeltis (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 25
TYPE: *getulus* Schlegel, nec LINNÉ = holbrooki

Lampropeltis alterna (BROWN)

Ophibolus alternus BROWN
Proc. Ac. Nat. Sci. Phila., 1901 (Feb. 6, 1902), p. 612.
Lampropeltis alterna STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 87.

TYPE LOCALITY: Davis Mountains, Jeff Davis Co., Texas.
RANGE: Davis Mountains, Texas.

Lampropeltis californiae californiae (BLAINVILLE)

Coluber (Ophis) californiae BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 292, pl. 27, figs. 1–1b.
Lampropeltis californiae californiae BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 87, 1920, p. 3.
Ophibolus getulus californiae COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 922, fig. 231.

TYPE LOCALITY: California.
RANGE: Southern California.

Lampropeltis californiae nitida (VAN DENBURGH)

Lampropeltis nitida VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 2, Vol. 5, 1895, p. 143, pl. 14.
Lampropeltis californiae nitida BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 87, 1920, p. 3.

[1] Dunn has the date of the appearance of this generic name incorrectly cited as 1860.

TYPE LOCALITY: San José del Cabo, Lower California.

RANGE: Southern Lower California.

Lampropeltis calligaster (HARLAN)

Coluber calligaster HARLAN
Journ. Ac. Nat. Sci. Phila., Vol. 5, 1827, p. 359.
Lampropeltis calligaster COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 255.
Ophibolus calligaster COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 905, fig. 223.

TYPE LOCALITY: Missouri.

RANGE: Indiana, Illinois and Wisconsin; Mississippi, Kansas, Oklahoma and Texas.

Lampropeltis catalinensis VAN DENBURGH and SLEVIN

Lampropeltis catalinensis VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, Dec. 17, 1921, p. 397.

TYPE LOCALITY: Santa Catalina Island, Gulf of California.

RANGE: Same.

Lampropeltis elapsoides elapsoides (HOLBROOK)

Coluber elapsoides HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 2, 1838, p. 123, pl. 28.
Lampropeltis elapsoides STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 88.
Osceola elapsoidea COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 900, fig. 221.

TYPE LOCALITY: South Carolina and Georgia.

RANGE: Southeastern states to Florida and Louisiana.

Lampropeltis elapsoides virginiana BLANCHARD

Lampropeltis elapsoides virginiana BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 81, Apr. 28, 1920, p. 2.

TYPE LOCALITY: Raleigh, North Carolina.

RANGE: Northern North Carolina and Virginia, east of the Allegheny Mountains.

Lampropeltis getulus getulus (LINNÉ)

KING-SNAKE, CHAIN-SNAKE

Coluber getulus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 382.
Lampropeltis getula COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 255.
Ophibolus getulus getulus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 914, figs. 227, 228.

TYPE LOCALITY: Carolina.
RANGE: Southern New England to northern Florida.

Lampropeltis getulus boylii (BAIRD and GIRARD)

Ophibolus boylii BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 82.
Lampropeltis getulus boylii BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 87, 1920, p. 3.
Ophibolus getulus boylii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 919, fig. 230.

TYPE LOCALITY: El Dorado County, California.
RANGE: Arizona, western Nevada, California.

Lampropeltis getulus brooksi BARBOUR

Lampropeltis getulus brooksi BARBOUR
Proc. N. Engl. Zoöl. Club, Vol. 7, June 5, 1919, p. 1, pl. 1.

TYPE LOCALITY: Royal Palm Hammock, 14 miles southwest of Homestead, Dade Co., southeastern Florida.
RANGE: The tropical southeastern corner of Dade County, Florida.

Lampropeltis getulus conjuncta (COPE)

Lampropeltis boylii var. *conjuncta* COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 301.
Lampropeltis getulus conjuncta BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 87,1920, p. 4.

TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southwestern Arizona and Lower California.

Lampropeltis getulus floridana BLANCHARD

Lampropeltis getulus floridana BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 70, May 5, 1919, p. 1, pl. 1, fig. 1.

TYPE LOCALITY: Orange Hammock, De Soto Co., Florida.
RANGE: Florida from Orange County in the north to central Dade County in the southeast.

Lampropeltis getulus holbrooki (STEJNEGER)

Lampropeltis holbrooki STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 152.
Lampropeltis getulus holbrooki HURTER and STRECKER
Trans. Ac. Sci. St. Louis, Vol. 18, 1909, p. 26.
Ophibolus getulus sayi COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 911, fig. 226.

TYPE LOCALITY: Valley of the Mississippi.

RANGE: Louisiana to Texas, northward through the states of the Mississippi basin mostly west of the river, to southern Iowa and southern Nebraska.

Lampropeltis getulus nigra (YARROW)

Ophibolus getulus niger YARROW
Proc. U. S. Nat. Mus., Vol. 5, 1882, p. 438.
Lampropeltis getulus niger BLANCHARD
Occ. Papers Zool. Mus. Univ. Michigan, No. 87,1920 p. 2.

TYPE LOCALITY: Wheatland, Indiana.

RANGE: Northern Alabama, Tennessee, West Virginia, Kentucky, Ohio and southern Indiana.

Lampropeltis getulus splendida (BAIRD and GIRARD)

Ophibolus splendidus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 83.
Lampropeltis splendida COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 255.
Lampropeltis getulus splendida BLANCHARD
Occ. Papers Zool. Mus. Univ. Michigan, No. 87,1920 p. 2.
Ophibolus getulus splendidus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 918, fig. 229.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Northern Mexico and the boundary region.

Lampropeltis getulus yumensis BLANCHARD

Lampropeltis getulus yumensis BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 70, 1919, p. 6, pl. 1, fig. 2.
Lampropeltis getulus yumanensis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 100.

TYPE LOCALITY: 27 miles west of Indian Oasis, Pima Co., Arizona.

RANGE: Southwestern Arizona, southeastern California, and adjacent areas of Sonora and Lower California.

Lampropeltis multicincta (YARROW)

Ophibolus getulus multicinctus YARROW
Proc. U. S. Nat. Mus., Vol. 5, 1882, p. 440.
Lampropeltis multicincta BLANCHARD
Occ. Papers Zool. Mus. Univ. Michigan, No. 87, 1920, p. 5.
Lampropeltis pyromelaena multicincta STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 89.
Lampropeltis agalma STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2,1923, p. 97.

Lampropeltis herrerae STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 100.

TYPE LOCALITY: Fresno, California.

RANGE: Moist coniferous forests of California, and Lower California.

Lampropeltis pyromelana (COPE)

Ophibolus pyromelanus COPE
Proc. Ac. Nat. Sci. Phila., 1866, p. 305.
Lampropeltis pyrrhomelaena STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, 1902, p. 152.
Ophibolus pyrrhomelas COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 907, fig. 224.

TYPE LOCALITY: Fort Whipple, Arizona.

RANGE: Southern Arizona.

Lampropeltis rhombomaculata (HOLBROOK)

MOLE-SNAKE

Coluber rhombomaculatus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 103, pl. 20.
Lampropeltis rhombomaculata COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 255.
Ophibolus rhombomaculatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 903, fig. 222.

TYPE LOCALITY: Georgia and Alabama.

RANGE: Maryland to Georgia and Alabama.

Lampropeltis triangulum triangulum (LACÉPÈDE)

MILK-SNAKE

Coluber triangulum LACÉPÈDE
Hist. Nat. Quadr. Ovip. Serp., Vol. 2, 1788, tabl. méth., p. 86.
Lampropeltis triangula COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 256.
Osceola doliata triangula COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 885, figs. 210–215.

TYPE LOCALITY: America.

RANGE: Eastern North America from Maine through Ontario to Iowa, south to Virginia and in the mountains farther south.

Lampropeltis triangulum amaura (COPE)

Lampropeltis amaura COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 258.
Lampropeltis triangulum amaura STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 90.

Osceola doliata coccinea COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 896, fig. 220 (not of Schlegel).

TYPE LOCALITY: "Unknown" (original entry of type U. S. Nat. Mus. No. 5282 reads "?Mississippi").

RANGE: Eastern United States, west to Texas, south to the Gulf.

Lampropeltis triangulum annulata (KENNICOTT)

Lampropeltis annulata KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 329.

Lampropeltis triangulum annulata BLANCHARD
Occ. Papers Zool. Mus. Univ. Michigan, No. 87, 1920, p. 5.

Osceola doliata annulata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 895, fig. 219.

TYPE LOCALITY: Matamoros, Mexico.

RANGE: Southeastern Texas and northeastern Mexico.

Lampropeltis triangulum gentilis (BAIRD and GIRARD)

Ophibolis gentilis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 90.

Lampropeltis triangulum gentilis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 90.

Osceola doliata gentilis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 894, fig. 218.

Lampropeltis pyromelaena celaenops STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 89.

TYPE LOCALITY: North Fork, Red River, near Sweetwater Creek, Wheeler Co., Texas.

RANGE: Texas and northwestern Mexico; Kansas and Utah.

Lampropeltis triangulum syspila (COPE)

Ophibolus doliatus syspilus COPE
Proc. U. S. Nat. Mus., Vol. 11, 1888, p. 384.

Lampropeltis triangulum syspila RUTHVEN
Occ. Papers Mus. Zool. Univ. Michigan, No. 66, 1919, p. 3.

Osceola doliata syspila COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 891, fig. 216.

TYPE LOCALITY: Richland County, Illinois.

RANGE: Oklahoma, Arkansas and Tennessee northward to Kansas, Iowa, Illinois and Indiana.

Stilosoma (*GENUS*)

BROWN, Proc. Ac. Sci. Phila., 1890, p. 199
TYPE: *extenuatum*

Stilosoma extenuatum BROWN

Stilosoma extenuatum BROWN
Proc. Ac. Nat. Sci. Phila., 1890, p. 199.
Stylophis extenuatus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 90.
Stilosoma extenuatum COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 924, fig. 232.

TYPE LOCALITY: Lake Kerr, Marion Co., Florida.
RANGE: North Central Florida.

Contia (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 110
TYPE: *mitis* = tenuis

Contia tenuis (BAIRD and GIRARD)

Calamaria tenuis BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 176.
Contia tenuis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 91.
Contia mitis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 925, fig. 233.
Lodia tenuis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 927, fig. 234.

TYPE LOCALITY: Puget Sound, Washington.
RANGE: Southern California to Puget Sound.

Cemophora (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 244
TYPE: *coccinea*

Cemophora coccinea (BLUMENBACH)

Coluber coccineus BLUMENBACH
Voigt's Mag. Neu. Phys. Naturg., Vol. 5, Pt. 1, 1788, p. 11, pl. 1.
Cemophora coccinea COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 244.
Cemophora coccinea COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 928, fig. 235.

TYPE LOCALITY: Florida.
RANGE: Maryland to Alabama, Louisiana, Oklahoma and Florida.

Rhinocheilus (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 120
TYPE: *lecontei*

Rhinocheilus lecontei BAIRD and GIRARD

Rhinocheilus lecontei BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 120.
Rhinochilus lecontei COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 931, fig. 236.

TYPE LOCALITY: San Diego, California.

RANGE: Idaho to Lower California, east to Texas, northern Mexico.

Sonora (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 117
TYPE: *semiannulata*

Sonora occipitalis (HALLOWELL)

Rhinostoma occipitale HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 95.
Sonora occipitalis VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 4, Vol. 3, 1913, p. 411.
Chionactis occipitalis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 941, fig. 240.

TYPE LOCALITY: Mojave Desert.

RANGE: Southeastern California, Arizona, Colorado.

Sonora semiannulata BAIRD and GIRARD

Sonora semiannulata BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 117.
Chionactis episcopus isozonus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 939, fig. 239.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Idaho to Utah and Nevada, Arizona, southern Kansas and Texas; also southeastern California and the adjacent regions of Mexico.

Sonora taylori (BOULENGER)

Contia taylori BOULENGER
Cat. Snakes Brit. Mus., Vol. 2, 1894, pl. 12, fig. 3.
Sonora taylori STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 92.
Chionactis taylorii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 936.

TYPE LOCALITY: Duval County, Texas, and Nuevo Leon, Mexico.

RANGE: Southern Texas and northeastern Mexico.

Ficimia (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 80
TYPE: *olivacea*

Ficimia cana (COPE)

Gyalopion canum COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 243.

Ficimia cana GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 83.

Gyalopium canum COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 947, fig. 241.

TYPE LOCALITY: Fort Buchanan, Arizona.

RANGE: Western Texas to Arizona.

Ficimia streckeri TAYLOR

Ficimia streckeri TAYLOR
Copeia, 1931, No. 1, March 31, p. 5.

TYPE LOCALITY: Three miles east of Rio Grande City, Texas.

RANGE: Same as type locality.

Hypsiglena (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 246
TYPE: *ochrorhynchus*

Hypsiglena ochrorhynchus COPE

Hypsiglena ochrorhynchus COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 246.

Hypsiglena ochrorhynchus texana STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 105.

Hypsiglena ochrorhyncha COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 953, fig. 245.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern and Lower California, Arizona, southern Utah, Idaho, southern Nevada, southwestern Texas, and northwestern Mexico.

Chilomeniscus (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 339
TYPE: *stramineus*

Chilomeniscus cinctus COPE

Chilomeniscus cinctus COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 303.

TYPE LOCALITY: Guaymas, Mexico.

RANGE: Colorado Desert to adjacent Sonora and central Lower California.

Chilomeniscus punctatissimus VAN DENBURGH and SLEVIN

Chilomeniscus punctatissimus VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, July 30, 1921, p. 98.

TYPE LOCALITY: Isla Partida, Espiritu Santo Island, Lower California.

RANGE: Same.

Chilomeniscus stramineus COPE

Chilomeniscus stramineus COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 339.
Chilomeniscus stramineus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 949, fig. 242.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

Natrix (*GENUS*)

LAURENTI, Syn. Rept., 1768, p. 73
TYPE: *vulgaris* = natrix

Natrix clarkii (BAIRD and GIRARD)

Regina clarkii BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 48.
Natrix clarkii COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 669.
Natrix clarkii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 987, fig. 261.

TYPE LOCALITY: Indianola, Texas.

RANGE: Coastal regions of northwest Florida to Texas.

Natrix compressicauda (KENNICOTT)

SALT-WATER MOCCASIN

Nerodia compressicauda KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 335.
Natrix compressicauda COPE
Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 392.
Natrix compressicauda COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 978, fig. 255.

TYPE LOCALITY: Tampa Bay, Florida.

RANGE: Southwestern Florida, especially the mangrove swamps of the extreme southern coast and the Keys.

Natrix cyclopion (DUMÉRIL and BIBRON)

Tropidonotus cyclopion DUMÉRIL and BIBRON
Erp. Gén., Vol. 7, 1854, p. 576.
Natrix cyclopium COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 673.
Natrix cyclopium COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 961, figs. 247, 248.

TYPE LOCALITY: New Orleans.

RANGE: Florida to Louisiana and northward up the Mississippi Valley to southern Illinois.

Natrix grahamii (BAIRD and GIRARD)

Regina grahamii BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 47.
Natrix grahamii COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 668.
Natrix grahamii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 991, fig. 264.

TYPE LOCALITY: Rio Salado, Texas.

RANGE: Illinois southward to Louisiana and Texas.

Natrix kirtlandii (KENNICOTT)

Regina kirtlandii KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1856, p. 95.
Natrix kirtlandii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 995, fig. 266.

TYPE LOCALITY: Northern Illinois.

RANGE: Michigan, Wisconsin, Illinois, Indiana, Ohio, Pennsylvania and New Jersey.

Natrix rhombifera (HALLOWELL)

Tropidonotus rhombifer HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.

Natrix rhombifera COPE
Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 398.

Natrix rhombifera COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 963, fig. 249.

TYPE LOCALITY: Arkansas River and its tributaries near the northern boundary of the Creek Nation.

RANGE: Southern Illinois and Indiana south through Texas to Vera Cruz, Mexico.

Natrix rigida (SAY)

Coluber rigidus SAY
Journ. Ac. Nat. Sci. Phila., Vol. 4, Pt. 2, 1825, p. 239.

Natrix rigida COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 668.

Natrix rigida COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 989, fig. 262.

TYPE LOCALITY: The Southern States.

RANGE: The Carolinas to Louisiana.

Natrix septemvittata (SAY)

MOON-SNAKE, QUEEN-SNAKE

Coluber septemvittatus SAY
Journ. Ac. Nat. Sci. Phila., Vol. 4, Pt. 2, 1825, p. 240.

Natrix septemvittata COPE
Trans. Amer. Philos. Soc., Vol. 18, 1895, p. 216.

Natrix leberis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 993, fig. 265.

TYPE LOCALITY: Pennsylvania.

RANGE: Central, Eastern and Gulf States from Pennsylvania, Ohio, and Wisconsin southward.

Natrix sipedon sipedon (LINNÉ)

WATER-SNAKE

Coluber sipedon LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 219.

Natrix sipedon KIRSCH
Bull. U. S. Fish Comm., Vol. 14, 1895, p. 333.

Natrix fasciata sipedon COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 969, fig. 251.

TYPE LOCALITY: North America.

RANGE: Southern Maine west to Minnesota and Colorado, south to northern Alabama, Arkansas and Oklahoma.

Natrix sipedon confluens (BLANCHARD)

Natrix fasciata confluens BLANCHARD
Occ. Papers Mus. Zool. Univ. Michigan, No. 140, July 19, 1923, p. 1.

TYPE LOCALITY: Butler County, Missouri.

RANGE: Eastern Louisiana north through southern and eastern Arkansas to southeastern Missouri and west to Texas to about the 98th Meridian.

Natrix sipedon fasciata [1] (LINNÉ)

Coluber fasciatus LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 378.
Natrix sipedon fasciata STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 96.
Natrix fasciata fasciata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 966, fig. 250.

TYPE LOCALITY: Carolina.

RANGE: Virginia to Florida, westward to Louisiana and northward up the Mississippi through all the central states to Nebraska and Indiana.

Natrix sipedon pictiventris (COPE)

Natrix fasciata pictiventris COPE
Amer. Nat., Vol. 29, 1895, p. 677.
Natrix sipedon pictiventris STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 96.
Natrix fasciata pictiventris COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 969.

TYPE LOCALITY: Palatka, Florida.

RANGE: Peninsula of Florida.

Natrix taxispilota (HOLBROOK)

WATER-PILOT

Tropidonotus taxispilotus HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 35, pl. 8.
Natrix taxispilota COPE
Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 392.
Natrix taxispilota COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 959, fig. 246.

TYPE LOCALITY: South Carolina seaboard and the Altamaha River, Georgia.

RANGE: Virginia, the Carolinas to Florida, west to Louisiana.

[1] Apparent forms which are more or less uniformly rufescent are found in the ranges of both the subspecies *fasciata* and *sipedon*. To these the names of *Natrix sipedon erythrogaster* (Forster in Bossu, Travels through North America, Vol. 1, 1771, p. 364, footnote) and *Natrix sipedon fulviventer* (Rafinesque, Ann. Nat., 1820, No. 1, p. 6) have been given.

Natrix transversa (HALLOWELL)

Tropidonotus transversus HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.
Natrix sipedon transversa HURTER
Herp. Missouri, 1911, p. 157.
Natrix fasciata transversa COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 973, fig. 252.

TYPE LOCALITY: Creek boundary, found near the banks of the Arkansas and its tributaries.

RANGE: Kansas, Arkansas, Oklahoma, and Texas, south into Mexico and west to New Mexico.

Natrix valida (KENNICOTT)

Regina valida KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 334.
Natrix valida COPE
Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 670.
Natrix valida COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 984, figs. 258, 259.

TYPE LOCALITY: Durango, Mexico.

RANGE: Western Mexico, Lower California.

Seminatrix (*GENUS*)

COPE, Amer. Nat., Vol. 29, 1895, p. 678
TYPE: *pygaea*

Seminatrix pygaea (COPE)

Contia pygaea COPE
Proc. Ac. Nat. Sci. Phila., 1871, p. 223.
Seminatrix pygaea COPE
Amer. Nat., Vol. 29, 1895, p. 678.
Seminatrix pygaea COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 998, fig. 267.

TYPE LOCALITY: Volusia, Florida.

RANGE: South Carolina south through Florida peninsula.

Storeria (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 135
TYPE: *dekayi*

Storeria dekayi (HOLBROOK)

DEKAY'S SNAKE

Tropidonotus dekayi HOLBROOK
N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 53, pl. 14.

Storeria dekayi Baird and Girard
Cat. N. Amer. Rept., Pt. 1, 1853, p. 135.
Storeria dekayi Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1000, fig. 268.

TYPE LOCALITY: Massachusetts and New York.

RANGE: Eastern North America, Ontario to Vera Cruz, west to Kansas.

Storeria occipito-maculata (Storer)

RED-BELLIED SNAKE

Coluber occipito-maculatus Storer
Rep. Fish. Rept. Birds Massachusetts, 1839, p. 230.
Storeria occipito-maculatus Baird and Girard
Cat. N. Amer. Rept., Pt. 1, 1853, p. 137.
Storeria occipitomaculata Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1003, fig. 269.

TYPE LOCALITY: Amherst, Mass.

RANGE: From Ontario and Lake Superior southward to Vera Cruz, westward to Kansas, Iowa and North Dakota.

Storeria victa Hay

Storeria victa Hay
Science, Ser. 1, Vol. 19, April 8, 1892, p. 199.

TYPE LOCALITY: Oklawaha River, some distance north of Kissimee, Florida.

RANGE: Florida.

Virginia (*GENUS*)

Baird and Girard, Cat. N. Amer. Rept., Pt. 1, 1853, p. 127
TYPE: *valeriae*

Virginia valeriae valeriae Baird and Girard

Virginia valeriae Baird and Girard
Cat. N. Amer. Rept., Pt. 1, 1853, p. 127.
Virginia valeriae Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1006, fig. 270.

TYPE LOCALITY: Kent County, Maryland.

RANGE: New Jersey to South Carolina, west to Ohio and Tennessee.

Virginia valeriae elegans Kennicott

Virginia elegans Kennicott
Proc. Ac. Nat. Sci. Phila., 1859, p. 99.

Virginia elegans Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 110.

Virginia valeriae elegans Blanchard
Papers, Mich. Acad. Sci. Arts Letters, 1925, p. 8.

Virginia elegans Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1007, fig. 271.

TYPE LOCALITY: Heavily timbered regions of southern Illinois.

RANGE: Indiana, Illinois and Iowa southward to Texas.

Potamophis (*GENUS*)

Fitzinger, Syst. Rept., 1843, p. 25
TYPE: *striatulus*

Potamophis striatulus (Linné)

Coluber striatulus Linné
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 375.

Potamophis striatulus Garman
Bull. Essex Inst., Vol. 24, 1892, p. 105.

Amphiardis inornatus Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 111.

Haldea striatula Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1009, fig. 272.

Amphiardis inornatus Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1009.

TYPE LOCALITY: Carolina.

RANGE: Virginia and Minnesota southward to Oklahoma and the Gulf States.

Tropidoclonion (*GENUS*)

Cope, Proc. Ac. Nat. Sci. Phila., 1860, p. 76
TYPE: *lineatum*

Tropidoclonion lineatum (Hallowell)

Microps lineatus Hallowell
Proc. Ac. Nat. Sci. Phila., 1856, p. 241.

Tropidoclonion lineatum Cope
Proc. Ac. Nat. Sci. Phila., 1860, p. 76.

Tropidoclonium lineatum Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1011, fig. 273.

TYPE LOCALITY: Kansas.

RANGE: Ohio to Iowa and southeastern South Dakota and through Missouri, Kansas, and Arkansas to Oklahoma and Texas.

Liodytes (*GENUS*)

COPE, Proc. Amer. Philos. Soc., Vol. 22, 1885, p. 194
TYPE: *alleni*

Liodytes alleni (GARMAN)

Helicops alleni GARMAN
Proc. Boston Soc. Nat. Hist., Vol. 17, 1874, p. 92.

Liodytes alleni COPE
Proc. U. S. Nat. Mus., Vol. 11, 1888, p. 393.

Liodytes allenii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1013, fig. 274.

TYPE LOCALITY: Hawkinsville, Florida.

RANGE: Florida and Okefinokee Swamp, Georgia.

Thamnophis (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26
TYPE: *sauritus*

GARTER-SNAKES

Thamnophis angustirostris (KENNICOTT)

Eutaenia angustirostris KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 332.

Thamnophis angustirostris RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 120.

Eutaenia angustirostris COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1047, fig. 290.

TYPE LOCALITY: Parras, Coahuila, Mexico.

RANGE: Southeastern Arizona and southwestern New Mexico south to Coahuila and Durango.

Thamnophis butleri (COPE)

Eutaenia butleri COPE
Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 399.

Thamnophis butleri STEJNEGER
Proc. U. S. Nat. Mus., Vol. 17, 1895, p. 593.

Eutaenia butlerii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1031, fig. 281.

TYPE LOCALITY: Richmond, Indiana.

RANGE: Extreme western New York and western Pennsylvania, through Ohio and Indiana, southern Michigan and Wisconsin.

Thamnophis eques (REUSS)

Coluber eques REUSS
Mus. Senckenberg. Abh., Vol. 1, 1834, p. 152, pl. 8, fig. 2.
Thamnophis eques RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 158.
Eutaenia eques COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1049, figs. 291–293.

TYPE LOCALITY: Mexico.

RANGE: Utah, Arizona, New Mexico and Texas, southward to Guatemala.

Thamnophis marcianus (BAIRD and GIRARD)

Eutainia marciana BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 36.
Thamnophis marcianus RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 58.
Eutaenia elegans marciana COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1044, fig. 289.

TYPE LOCALITY: "Red River, Arkansas" [Oklahoma].

RANGE: Oklahoma and Texas west to southeastern California, northeastern Mexico.

Thamnophis megalops (KENNICOTT)

Eutaenia megalops KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 330.
Thamnophis megalops RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 44.
Eutaenia megalops COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1025, fig. 278.

TYPE LOCALITY: Tucson and Sta. Magdalena, Arizona.

RANGE: The whole Mexican plateau region north to Texas, southwestern New Mexico and Arizona, and the Cocopah Mountains, Lower California.

Thamnophis ordinoides ordinoides (BAIRD and GIRARD)

Tropidonotus ordinoides BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 176.
Thamnophis ordinoides RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 147.
Eutaenia elegans ordinoides COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1046.

TYPE LOCALITY: Puget Sound.

RANGE: Coastal region of California, Oregon, and Washington.

Thamnophis ordinoides atratus (KENNICOTT)

Eutainia atrata KENNICOTT
U. S. Pacific R. R. Surv., Vol. 12, Pt. 2, 1860, p. 296.
Thamnophis ordinoides atratus VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 8, 1918, p. 224, pl. 9.

TYPE LOCALITY: California.

RANGE: Coast region of California from Del Norte to Santa Barbara Counties.

Thamnophis ordinoides biscutatus (COPE)

Eutaenia biscutata COPE
Proc. Ac. Nat. Sci. Phila., 1883, p. 21.
Thamnophis ordinoides biscutatus VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 8, 1918, p. 245, pl. 11.

TYPE LOCALITY: Klamath Lake, Oregon.

RANGE: Southern British Columbia, Vancouver Island, to Siskiyou and Modoc Counties, California.

Thamnophis ordinoides couchii (KENNICOTT)

Eutainia couchii KENNICOTT
U. S. Pacific R. R. Surv., Vol. 10, Pt. 4, 1859, p. 10.
Thamnophis ordinoides couchii VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, 1921, p. 29.

TYPE LOCALITY: Pitt River, California.

RANGE: Sacramento and San Joaquin Valley in California eastward over the Sierra Nevada into Douglas and Washoe Counties, Nevada, and Ada County, Idaho.

Thamnophis ordinoides elegans (BAIRD and GIRARD)

Eutainia elegans BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 34.
Thamnophis ordinoides elegans RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 138.
Eutaenia elegans elegans COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1036, fig. 284.

TYPE LOCALITY: El Dorado County, California.

RANGE: Sierra Nevada slopes of Nevada and California south to San Diego County.

Thamnophis ordinoides hammondii (KENNICOTT)

Eutaenia hammondii KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 322.
Thamnophis ordinoides hammondii VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 8, 1918, p. 256.

Eutaenia elegans couchii (part) COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1042, fig. 288

TYPE LOCALITY: San Diego and Fort Tejon, California.

RANGE: Southern western California and adjacent Lower California.

Thamnophis ordinoides hueyi VAN DENBURGH and SLEVIN

Thamnophis ordinoides hueyi VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 13, July 25, 1923, p. 2.

TYPE LOCALITY: Arroyo Encantado, San Pedro Martir Mts., Lower California.

RANGE: The San Pedro Martir Range.

Thamnophis ordinoides vagrans (BAIRD and GIRARD)

Eutainia vagrans BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 35.
Thamnophis ordinoides vagrans VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 8, 1918, p. 240.
Eutaenia elegans vagrans COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1039, fig. 287.

TYPE LOCALITY: California.

RANGE: Eastern Washington and Oregon, Idaho, south to northern Arizona and eastern California; San Pedro Martir Mountains, Lower California.

Thamnophis radix (BAIRD and GIRARD)

Eutainia radix BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 34.
Thamnophis radix JORDAN
Man. Vertebr. Anim. North. U. S., Ed. 8, 1899, p. 193.
Eutaenia radix COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1026, fig. 279.

TYPE LOCALITY: Racine, Wisconsin.

RANGE: Illinois and the Great Plains from Kansas and Missouri to Canadian Northwest.

Thamnophis sauritus sauritus (LINNÉ)

RIBBON-SNAKE

Coluber saurita LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 385.
Thamnophis sauritus sauritus BLANCHARD
Papers Mich. Acad. Sci. Arts Letters, Vol. 4, 1924, p. 18.
Eutaenia saurita COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1020, fig. 276.

TYPE LOCALITY: Carolina.

RANGE: Michigan, Ontario, and Maine, south to Mississippi, Alabama, and Georgia.

Thamnophis sauritus proximus (SAY)

Coluber proximus SAY
Long's Exp. Rocky Mts., Vol. 1, 1823, p. 187.

Thamnophis sauritus proximus RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 98.

Thamnophis proximus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 115.

Eutaenia proxima COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1022, fig. 277.

TYPE LOCALITY: Stone quarry on west side of Missouri River, 3 miles above the mouth of Boyer's River.

RANGE: Nebraska, northern Iowa and southern Wisconsin, south to Louisiana and Texas and through Mexico to the coastal region of Yucatan and British Honduras.

Thamnophis sauritus sackenii (KENNICOTT)

Eutaenia sackenii KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1859, p. 98.

Thamnophis sackenii STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 102.

Thamnophis sauritus sackeni RUTHVEN
Bull. U. S. Nat. Mus., No. 61, 1908, p. 107.

Eutaenia sackenii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1019, fig. 275.

TYPE LOCALITY: Florida.

RANGE: Central and northern Florida to southern Mississippi.

Thamnophis sirtalis sirtalis (LINNÉ)

Coluber sirtalis LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 222.

Thamnophis sirtalis GARMAN
Bull. Essex Inst., Vol. 24, 1892, p. 104.

Eutaenia sirtalis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1064, figs. 298–303.

TYPE LOCALITY: Canada.

RANGE: Eastern United States and Canada, north to about the 52nd degree of latitude, west to Minnesota, Wisconsin, and Missouri.

Thamnophis sirtalis concinnus (Hallowell)

Tropidonotus concinnus Hallowell
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 182.
Thamnophis sirtalis concinnus Ruthven
Bull. U. S. Nat. Mus., No. 61, 1908, p. 173.
Eutaenia sirtalis concinna Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1081, fig. 306.

TYPE LOCALITY: Oregon.

RANGE: Coast region of southwestern British Columbia, Vancouver Island, Washington and Oregon, west of the Sierra Nevada.

Thamnophis sirtalis infernalis (Blainville)

Coluber infernalis Blainville
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 291, pl. 26, figs. 3–3a.
Thamnophis sirtalis infernalis Van Denburgh and Slevin
Proc. Calif. Ac. Sci., Ser. 4, Vol. 8, 1918, p. 198.

TYPE LOCALITY: California.

RANGE: Southern Oregon, western Nevada and California (except desert areas).

Thamnophis sirtalis parietalis (Say)

Coluber parietalis Say
Long's Exp. Rocky Mts., Vol. 1, 1823, p. 186.
Thamnophis sirtalis var. *parietalis* Jordan
Man. Vertebr. Anim. North. U. S., Ed. 8, 1899, p. 193.
Eutaenia sirtalis parietalis Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1077, fig. 304.

TYPE LOCALITY: Stone quarry on west side of Missouri River, 3 miles above the mouth of Boyer's River.

RANGE: Iowa and Minnesota, Missouri westward to Utah, eastern Nevada, southern Idaho, Alberta and Manitoba.

Coniophanes (*GENUS*)

Cope, Proc. Ac. Nat. Sci. Phila., 1860, p. 248
TYPE: *fissidens*

Coniophanes imperialis (Baird)

Taeniophis imperialis Baird
U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 23, pl. 19, fig. 1.
Coniophanes imperialis Cope
Proc. Ac. Nat. Sci. Phila., 1861, p. 74.

Coniophanes imperialis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1097, fig. 313.

TYPE LOCALITY: Brownsville, Texas.
RANGE: Southwestern Texas to Vera Cruz, Mexico.

Oxybelis (*GENUS*)

WAGLER, Syst. Amph., 1830, p. 183
TYPE: *aeneus* = acuminatus

Oxybelis microphthalmus BARBOUR and AMARAL
Oxybelis microphthalmus BARBOUR and AMARAL
Proc. New Engl. Zoöl. Club, Vol. 9, Dec. 25, 1926, p. 80.

TYPE LOCALITY: Calabasas Canyon, Arizona.
RANGE: Arizona along the International Boundary.

Leptodeira (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 27
TYPE: *annulata*

Leptodeira septentrionalis (KENNICOTT)
Dipsas septentrionalis KENNICOTT
in BAIRD, U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 16, pl. 8, fig. 1.
Leptodeira septentrionalis STEJNEGER
Proc. U. S. Nat. Mus., Vol. 14, 1891, p. 505.
Sibon septentrionale COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1107, fig. 316.

TYPE LOCALITY: Matamoros, Mexico, and Brownsville, Texas.
RANGE: Southern Texas and northeastern Mexico.

Trimorphodon (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 297
TYPE: *lyrophanes*

Trimorphodon lyrophanes (COPE)
Lycodon lyrophanes COPE
Proc. Ac. Nat. Sci. Phila., 1860, p. 343.
Trimorphodon lyrophanes COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 297.
Trimorphodon lyrophanes COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1102, fig. 314.

TYPE LOCALITY: Cape St. Lucas, Lower California.
RANGE: Southern Arizona and Lower California.

Trimorphodon vandenburghi KLAUBER

Trimorphodon vandenburghi KLAUBER
Bull. Zool. Soc. San Diego, Calif., No. 1, June 1, 1924, p. 17.

TYPE LOCALITY: Wildwood Ranch, near Ramona, San Diego Co., Calif., altitude 1520 feet.

RANGE: Kern, Imperial, Inyo, and San Diego Counties, California.

Trimorphodon vilkinsonii COPE

Trimorphodon vilkinsonii COPE
Proc. Amer. Philos. Soc., Vol. 23, 1885, p. 285.

Trimorphodon vilkinsonii COPE
Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1105.

TYPE LOCALITY: City of Chihuahua, Mexico.

RANGE: Chihuahua Mexico and extreme western Texas.

Tantilla (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 131
TYPE: *coronata*

Tantilla coronata BAIRD and GIRARD

Tantilla coronata BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 131.

Tantilla coronata COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1114, fig. 320.

TYPE LOCALITY: Kemper County, Mississippi.

RANGE: Southeastern United States, from Virginia southward.

Tantilla eiseni STEJNEGER

Tantilla eiseni STEJNEGER
Proc. U. S. Nat. Mus., Vol. 18, April 16, 1896, p. 117.

TYPE LOCALITY: Fresno, California.

RANGE: Southern California, and northern Lower California.

Tantilla gracilis BAIRD and GIRARD

Tantilla gracilis BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 132.

Tantilla gracilis COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1111, fig. 318.

TYPE LOCALITY: Indianola, Texas.

RANGE: Missouri to Texas.

Tantilla nigriceps KENNICOTT

Tantilla nigriceps KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 328.

Tantilla nigriceps COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1113, fig. 319.

TYPE LOCALITY: Fort Bliss, New Mexico, and Indianola to Nueces, Texas.

RANGE: Eastern and central Arizona, New Mexico, and Texas.

Tantilla planiceps (BLAINVILLE)

Coluber planiceps BLAINVILLE
Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 294, pl. 27, figs. 3–3b.

Tantilla planiceps COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1113.

TYPE LOCALITY: California.

RANGE: Cape Region of Lower California.

Tantilla wilcoxi STEJNEGER

Tantilla wilcoxi STEJNEGER
Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 156.

TYPE LOCALITY: Fort Huachuca, Arizona.

RANGE: Southern Arizona.

ELAPIDAE (*FAMILY*)

Micrurus (*GENUS*)

WAGLER in Spix, Serp. Brazil, 1824, p. 48
TYPE: *spixii*

CORAL SNAKES

Micrurus fulvius fulvius (LINNÉ)

Coluber fulvius LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 381.

Micrurus fulvius STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 106.

Elaps fulvius COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1120, figs. 321, 322.

TYPE LOCALITY: Carolina.

RANGE: North Carolina to Florida; the Gulf States and Mississippi Valley States north to Ohio and Indiana.

Micrurus fulvius barbouri SCHMIDT

Micrurus fulvius barbouri SCHMIDT
Bull. Antivenin Inst. Amer., Vol. 2, No. 3, Oct. 1928, p. 64.

TYPE LOCALITY: Royal Palm Hammock, Dade Co., Florida.

RANGE: Extreme Southern Florida.

Micruroides (*GENUS*)

SCHMIDT, Bull. Antivenin Inst. Amer., Vol. 2, No. 3, 1928, p. 63

TYPE: *euryxanthus*

Micruroides euryxanthus (KENNICOTT)

Elaps euryxanthus KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1860, p. 337.

Micruroides euryxanthus SCHMIDT
Bull. Antivenin Inst. Amer., Vol. 2, No. 3, Oct. 1928, p. 63.

Micrurus euryxanthus STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 119.

Elaps euryxanthus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1125, fig. 324.

TYPE LOCALITY: Sonora.

RANGE: Southern New Mexico and Arizona, Northern Mexico and Tiburon Island.

HYDROPHIDAE (*FAMILY*)

Pelamydrus (*GENUS*)

STEJNEGER, Proc. U. S. Nat Mus., Vol. 38, 1910, p. 111
TYPE: *platurus*

Pelamydrus platurus (LINNÉ)

Anguis platura LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 391.

Pelamydrus platurus STEJNEGER
Proc. U. S. Nat. Mus., Vol. 38, 1910, p. 111.

TYPE LOCALITY: Unknown.

RANGE: Tropical Pacific and Indian Oceans; Gulf of Panama and west coast of Central America, Guayaquil, and Gulf of California near Espiritu Santo Island.

CROTALIDAE (*FAMILY*)

Agkistrodon (*GENUS*)

Beauvois, Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 381
TYPE: *mokasen*

Agkistrodon mokasen BEAUVOIS
COPPERHEAD

Agkishodon[1] *mokasen* Beauvois
Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 370.
Ancistrodon contortrix COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1135, fig. 326.

TYPE LOCALITY: America.
RANGE: Massachusetts southward to northern Florida, westward to Illinois, Arkansas, and Texas.

Agkistrodon piscivorus (LACÉPÈDE)
COTTON-MOUTH MOCCASIN

Crotalus piscivorus LACÉPÈDE
Hist. Nat. Serp., Vol. 2, 1789, table méthod., p. 130.
Ancistrodon piscivorus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1133, fig. 325.

TYPE LOCALITY: Carolina.
RANGE: Dismal Swamp, Virginia, to Florida and the Gulf States, and Arkansas to Illinois.

Sistrurus (*GENUS*)

GARMAN, Mem. Mus. Comp. Zoöl., Vol. 8, No. 3, 1883, p. 110
TYPE: *miliarius*

Sistrurus catenatus catenatus (RAFINESQUE)
MASSASAUGA

Crotalinus catenatus RAFINESQUE
Amer. Month. Mag. Crit. Rev., Vol. 4, No. 1, Nov. 1818, p. 41.
Sistrurus catenatus GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, No. 3, 1883, p. 176.
Sistrurus catenatus catenatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1146, fig. 329.

TYPE LOCALITY: Prairies of the upper Missouri.
RANGE: Central New York and Pennsylvania, through Ohio and Iowa to Nebraska, northward into Michigan and Ontario, southward to Kansas.

[1] Typographical error.

Sistrurus catenatus edwardsii (Baird and Girard)

Crotalophorus edwardsii Baird and Girard
Cat. N. Amer. Rept., Pt. 1, 1853, p. 15.
Sistrurus catenatus edwardsii Stejneger
Ann. Rep. U. S. Nat. Mus., 1893 (1895), p. 416.
Sistrurus catenatus edwardsii Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1144, fig. 328.

TYPE LOCALITY: Tamaulipas, Mexico.

RANGE: Oklahoma southward through western Texas and New Mexico to northeastern Mexico.

Sistrurus miliarius (Linné)

GROUND RATTLER

Crotalus miliarius Linné
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 372.
Sistrurus miliarius Garman
Mem. Mus. Comp. Zoöl., Vol. 8, No. 3, 1883, p. 177.
Sistrurus miliarius Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1141, fig. 327.

TYPE LOCALITY: Carolina.

RANGE: North Carolina to Florida westward to Oklahoma and Texas, northward in the Mississippi basin to Arkansas.

Crotalus (*GENUS*)

Linné, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214
TYPE: *horridus*

RATTLESNAKES

Crotalus adamanteus Beauvois

DIAMOND-BACK RATTLER

Crotalus adamanteus Beauvois
Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 368.
Crotalus adamanteus adamanteus Cope
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1161, fig. 333.

TYPE LOCALITY: United States.

RANGE: Southern North Carolina to Florida, westward to Louisiana and Arkansas.

Crotalus atrox atrox (Baird and Girard)[1]

Crotalus atrox Baird and Girard
Cat. N. Amer. Rept., Pt. 1, 1853, p. 5.

[1] In spite of the recent recognition of *Crotalus scutulatus* we remain, personally, unconvinced of its validity.

Crotalus atrox atrox BROWN
Proc. Ac. Nat. Sci. Phila., 1901, p. 103.
Crotalus adamanteus scutulatus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1158, fig. 332.
Crotalus adamanteus atrox COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1164, fig. 334.

TYPE LOCALITY: San Pedro, Texas.

RANGE: Texas and northern Mexico to Arizona; Colorado and southern California, also Lower California.

Crotalus atrox elegans SCHMIDT

Crotalus atrox elegans SCHMIDT
Bull. Amer. Mus. Nat. Hist., Vol. 46, Dec. 7, 1922, p. 699.

TYPE LOCALITY: Angel de la Guardia [sic] Island, Lower California.

RANGE: Angel de la Guarda Island.

Crotalus atrox lucasensis (VAN DENBURGH)

Crotalus lucasensis VAN DENBURGH
Proc. Calif. Ac. Sci., Ser. 4, Vol. 10, Aug. 6, 1920, p. 29, pl. 3.
Crotalus atrox lucasensis SCHMIDT
Bull. Amer. Mus. Nat. Hist., Vol. 46, Dec. 7, 1922, p. 698.

TYPE LOCALITY: Agua Caliente, Lower California.

RANGE: Southern Lower California.

Crotalus atrox tortugensis (VAN DENBURGH and SLEVIN)

Crotalus tortugensis VAN DENBURGH and SLEVIN
Proc. Calif. Ac. Sci., Ser. 4, Vol. 11, Dec. 17, 1921, p. 398.

TYPE LOCALITY: Tortuga Island, Lower California.

RANGE: Same.

Crotalus cerastes HALLOWELL

SIDEWINDER

Crotalus cerastes HALLOWELL
Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 95.
Crotalus cerastes COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1196, fig. 347.

TYPE LOCALITY: Mojave Desert.

RANGE: Northeastern Lower California, southern California, southern Nevada, Arizona, southwestern Utah.

Crotalus confluentus confluentus (SAY)

PRAIRIE RATTLER

Crotalus confluentus SAY
Long's Exp. Rocky Mts., Vol. 2, 1923, p. 48.

Crotalus confluentus confluentus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1170, figs. 336–338.

TYPE LOCALITY: "Valley of the Arkansa" near Bell's Springs, Colorado.

RANGE: The Great Plains, from about the 96th Meridian to the Rocky Mountains and from southern Canada to Texas.

Crotalus confluentus abyssus KLAUBER

Crotalus confluentus abyssus KLAUBER
Trans. San Diego Soc. Nat. Hist., Vol. 6, No. 3, Feb. 28, 1930, p. 114, pl. 11, fig. 1.

TYPE LOCALITY: Tanner Trail 300 ft. below south rim of Grand Canyon, Coconino County, Arizona.

RANGE: Grand Canyon of the Colorado River, Arizona.

Crotalus confluentus concolor (WOODBURY)

YELLOW RATTLESNAKE

Crotalus concolor WOODBURY
Bull. Univ. Utah, Vol. 20, No. 6, Dec. 1, 1929 [p. 3], figs. 1–2.
Crotalus confluentus decolor KLAUBER
Trans. San Diego Soc. Nat. Hist., Vol. 6, No. 3, 1930, p. 111.

TYPE LOCALITY: King's Ranch, Garfield Co., near base of Henry Mountains, Utah.

RANGE: The Henry Mountains region, Wayne and Garfield Counties, Utah.

Crotalus confluentus lutosus KLAUBER [1]

Crotalus confluentus lutosus KLAUBER
Trans. San Diego Soc. Nat. Hist., Vol. 6, No. 3, 1930, p. 100, pl. 10, fig. 1.

TYPE LOCALITY: 10 miles northwest of Abraham on the road to Joy, Millard County, Utah.

RANGE: Plateau region from the Rockies to the Sierras, including Utah west of the 111th Meridian, northern and central Nevada, northern California east of the Sierras, southeastern Oregon and southern Idaho.

Crotalus confluentus oreganus (HOLBROOK)

Crotalus oreganus HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 115, pl. 29 [= 24].
Crotalus confluentus oreganus KLAUBER

[1] Dr. Amaral described this race as *Crotalus confluentus kellyi* (Bull. Antivenin Inst., Vol. 2, No. 4, Feb. 1929, p. 91), but unfortunately his type specimen proves not to belong to this form.

Trans. San Diego Soc. Nat. Hist., Vol. 6, No. 3, 1930, p. 129, pl. 9, fig. 2.

Crotalus confluentus lucifer COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1176, fig. 330.

TYPE LOCALITY: Columbia River.

RANGE: British Columbia to southern California, western Idaho, Nevada, and northwestern Lower California.

Crotalus enyo (COPE)

Caudisona enyo COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 293.

Crotalus enyo COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 33.

Crotalus enyo COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1189, fig. 343.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Extreme southern Lower California.

Crotalus exsul GARMAN

Crotalus exsul GARMAN
Mem. Mus. Comp. Zoöl., Vol. 8, No. 3, 1883, p. 114.

Crotalus ruber COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1167, fig. 335.

TYPE LOCALITY: Cerros Island, Lower California.

RANGE: Southern California north to Los Angeles County; Lower California; Cerros Island and islands in Gulf of California.

Crotalus horridus LINNÉ

BANDED RATTLESNAKE, BLACK RATTLESNAKE, TIMBER RATTLESNAKE, CANEBRAKE RATTLESNAKE (FOR VARIOUS VARIANTS IN COLORATION)

Crotalus horridus LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214.

Crotalus horridus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1185, fig. 324.

TYPE LOCALITY: America.

RANGE: Maine to Georgia, west through Louisiana to Victoria County, Texas; the Mississippi Valley States into Iowa.

Crotalus lepidus (KENNICOTT)

Caudisona lepida KENNICOTT
Proc. Ac. Nat. Sci. Phila., 1861, p. 206.

Crotalus lepidus COPE
Proc. Ac. Nat. Sci. Phila., 1883, p. 13.

Crotalus lepidus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1191, fig. 344.

TYPE LOCALITY: Presidio and Eagle Pass, Texas.

RANGE: Border region in Texas, New Mexico, Arizona, and adjacent Mexico.

Crotalus mitchellii (COPE)

Caudisona mitchellii COPE
Proc. Ac. Nat. Sci. Phila., 1861, p. 293.
Crotalus mitchellii COPE
Wheeler's Surv. W. 100 Mer., Vol. 5, 1875, p. 535.
Crotalus goldmani STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 124.
Crotalus confluentus stephensi KLAUBER
Trans. San Diego Soc. Nat. Hist., Vol. 6, No. 3, 1930, p. 108, pl. 10, fig. 2.
Crotalus mitchellii COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1193, figs. 345, 346.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Arizona, Dolorado Desert to southern Lower California.

Crotalus molossus BAIRD and GIRARD

Crotalus molossus BAIRD and GIRARD
Cat. N. Amer. Rept., Pt. 1, 1853, p. 10.
Crotalus molossus COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1154, fig. 330.

TYPE LOCALITY: Fort Webster, New Mexico.

RANGE: Southern Texas to southern Arizona, also northern Mexico and San Esteban Island.

Crotalus tigris KENNICOTT

Crotalus tigris KENNICOTT
in BAIRD, U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 14, pl. 4.
Crotalus tigris COPE
Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 1181, fig. 341.

TYPE LOCALITY: Deserts of the Gila and Colorado Rivers, Arizona.

RANGE: Southern California, southern Nevada, and southern Arizona.

Crotalus triseriatus (WAGLER)

Crotalus triseriatus WAGLER
Syst. Amp., 1830, p. 176.
Crotalus pricei STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 125.

Crotalus triseriatus AMARAL
Bull. Antivenin Inst. Amer., Vol. 1, No. 2, 1927, p. 48, fig. 10.

TYPE LOCALITY: Mexico.

RANGE: Southern Arizona, Chihuahua and Tamaulipas south to Jalisco and Guerrero, Mexico.

Crotalus willardi MEEK

Crotalus willardi MEEK
Field Columb. Mus. Publ. Zoöl., Vol. 7, No. 1, Jan. 1906, p. 18, pl. 3.

TYPE LOCALITY: Ramsay Canyon, 7000 feet elevation, Huachuca Mountains, Arizona.

RANGE: Santa Rita Mountain region, Arizona, and northern Mexico.

SYNAPSIDA (*SUBCLASS*)

OSBORN, Science, N. S., Vol. 17, Feb. 13, 1903, p. 276

TESTUDINATA (*ORDER*)

OPPEL, Ordn. Rept., 1811, p. 3

KINOSTERNIDAE (*FAMILY*)

Sternotherus (*GENUS*)

GRAY, Ann. Philos., N. S., Vol. 10, Sept. 1825, p. 211
TYPE: *odoratus*

STINK-POTS, MUSK-TURTLES

Sternotherus carinatus (GRAY)

Aromochelys carinata GRAY
Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 199.

Sternotherus carinatus STEJNEGER
Proc. U. S. Nat. Mus., Vol. 62, art. 6, 1923, p. 2.

Kinosternon carinatum STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 111.

TYPE LOCALITY: Louisiana.

RANGE: Mississippi River drainage, from Vicksburg, Mississippi, south; west into southeastern Texas.

Sternotherus minor (AGASSIZ)

Goniochelys minor AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 424.
Sternotherus minor STEJNEGER
Proc. U. S. Nat. Mus., Vol. 62, art. 6, 1923, p. 2.

TYPE LOCALITY: Mobile, Alabama; Columbus, Georgia; New Orleans, Louisiana.

RANGE: Northern Florida to Georgia and Alabama; upper Tennessee.

Sternotherus odoratus (LATREILLE)

Testudo odorata LATREILLE
Hist. Nat. Rept., Vol. 1, 1802, p. 122.
Sternothaerus odoratus BELL
Zool. Journ., Vol. 2, 1825, p. 307.
Kinosternon odoratum STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 112.

TYPE LOCALITY: Carolina.

RANGE: Eastern and southern North America from Canada south; west to western Missouri, Oklahoma and southern Texas.

Kinosternon (*GENUS*)

SPIX, Testud. Brasil, 1824, p. 17
TYPE: *longicaudatum* = scorpioides

STINK-POTS, MUSK-TURTLES, MUD-TURTLES

Kinosternon baurii GARMAN

Cinosternum baurii GARMAN
Bull. Essex. Inst., Vol. 23, 1891, p. 141

TYPE LOCALITY: Key West, Florida.

RANGE: Florida.

Kinosternon baurii palmarum STEJNEGER

Kinosternon bauri palmarum STEJNEGER
Journ. Wash. Acad. Sci., Vol. 15, No. 20, Dec. 4, 1925, p. 463.

TYPE LOCALITY: Royal Palm State Park, Dade County, Florida.

RANGE: Same.

Kinosternon flavescens (AGASSIZ)

Platythyra flavescens AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 430; Vol. 2, pl. 5, figs. 12–15.
Cinosternum flavescens COPE
Bull. U. S. Nat. Mus., No. 1875, p. 52.

TYPE LOCALITY: Texas, Arizona.

RANGE: Texas, north to Kansas, Meredosia Bay of Illinois River, Morgan County, Illinois, and Colorado, west to Arizona.

Kinosternon sonoriense LE CONTE

Kinosternum sonoriense LE CONTE
Proc. Ac. Nat. Sci. Phila., 1853, p. 184.

TYPE LOCALITY: Tuscon, Arizona.

RANGE: Southwestern Texas through southern New Mexico and Arizona into southeastern California; northern Mexico.

Kinosternon steindachneri SIEBENROCK

Cinosternum steindachneri SIEBENROCK
Zool. Anz., Vol. 30, Oct. 16, 1906, p. 727.

TYPE LOCALITY: Orlando, Florida.

RANGE: Central Florida.

Kinosternon subrubrum subrubrum [1] (LACÉPÈDE)

Testudo subrubra LACÉPÈDE
Hist. Nat. Quadr. Ovid. Serp., Vol. 1, 1788, synops. méth. tabl. between pp. 618 and 619 (comp. p. 132).

Kinosternon subrubrum subrubrum STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 112.

TYPE LOCALITY: Pennsylvania.

RANGE: Eastern United States exclusive of peninsular Florida, west to Indiana and southeastern Illinois and Tennessee.

Kinosternon subrubrum hippocrepis (GRAY)

Kinosternon hippocrepis GRAY
Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 198.

Kinosternon subrubrum hippocrepis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 112.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Southern Alabama to Texas, north in the Mississippi Valley to Oklahoma and southeastern Missouri.

[1] This is the species usually known as *Kinosternon pensilvanicum* (Gmelin) 1789. Both names are based on the same figure in Edwards's "Glanures."

CHELYDRIDAE (*FAMILY*)

Macrochelys (*GENUS*)

GRAY, Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 200
TYPE: *temminckii*

Macrochelys temminckii (TROOST)
ALLIGATOR-SNAPPER

Chelonura temminckii TROOST
in HARLAN's Med. Phys. Res., 1835, p. 158, footnote.

Macrochelys temminckii GRAY
Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 200.

TYPE LOCALITY: Tributary stream of the Mississippi above Memphis, in West Tennessee.

RANGE: Texas east to southeastern Georgia and northern Florida, north in the Mississippi basin to northern Missouri.

Chelydra (*GENUS*)

SCHWEIGGER, Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 292
TYPE: *serpentina*

Chelydra osceola STEJNEGER
FLORIDA SNAPPER

Chelydra osceola STEJNEGER
Proc. Biol. Soc. Washington, Vol. 31, June 24, 1918, p. 89.

TYPE LOCALITY: Clearwater, Pinellas Co., Florida.

RANGE: Central and southern Florida.

Chelydra serpentina (LINNÉ)
COMMON SNAPPER

Testudo serpentina LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 199.

Chelydra serpentina SCHWEIGGER
Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 293.

TYPE LOCALITY: "Warmer regions."

RANGE: Eastern North America from southern Canada and Nova Scotia to the Gulf of Mexico and west to the Rocky Mountains.

TESTUDINIDAE (*FAMILY*)

Clemmys (*GENUS*)

RITGEN, Nova Acta Ac. Leopold.-Carol., Vol. 14, Pt. 1, 1828, p. 272
TYPE: *punctata* = guttata

Clemmys guttata (SCHNEIDER)

SPOTTED TURTLE

Testudo guttata SCHNEIDER
Schr. Ges. Naturf. Freunde Berlin, Vol. 10, 1792, p. 264.

Clemmys guttata STRAUCH
Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 107.

TYPE LOCALITY: Unknown.

RANGE: Eastern North America from Canada and Maine to northern Florida; in northern part west to Wisconsin and north to southern Michigan and Ontario.

Clemmys insculpta (LE CONTE)

WOOD-TURTLE

Testudo insculpta LE CONTE
Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 112.

Clemmys insculpta FITZINGER
Ann. Wien Mus., Vol. 1, 1835, p. 124.

TYPE LOCALITY: Northern [United] States.

RANGE: Eastern North America from Nova Scotia to Virginia, west to Michigan, Wisconsin, and Iowa; southwestern Ontario. Not found in Indiana and Illinois.

Clemmys marmorata (BAIRD and GIRARD)

Emys marmorata BAIRD and GIRARD
Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.

Clemmys marmorata STRAUCH
Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 108.

TYPE LOCALITY: Puget Sound, Washington.

RANGE: Pacific slope from Vancouver Island and British Columbia to San Diego, California.

Clemmys muhlenbergii (SCHOEPFF)

Testudo muhlenbergii SCHOEPFF
Hist. Testud., Pt. 6, 1801, p. 132, pl. 31.

Clemmys muhlenbergii FITZINGER
Ann. Wien Mus., Vol. 1, 1835, p. 124.

TYPE LOCALITY: Lancaster, Pennsylvania.

RANGE: New Jersey, Pennsylvania, New York, north to Lakes George, Ontario and Erie, Rhode Island south through Maryland and Virginia to mountains of western North Carolina.

Emys (*GENUS*)

DUMÉRIL, Zool. Anal., 1806, p. 76
TYPE: *europea*

Emys blandingii (HOLBROOK)

BLANDING'S TURTLE

Cistuda blandingii HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 35, pl. 5.
Emys blandingii STRAUCH
Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 28.

TYPE LOCALITY: Fox River, Illinois.

RANGE: Northern Illinois, Indiana and Wisconsin, west and north into western Nebraska, Minnesota, Michigan and southern Ontario; east into New England and New Jersey; Long Island.

Terrapene (*GENUS*)

MERREM, Tent. Syst. Amph., 1820, p. 27
TYPE: *clausa* = carolina

BOX-TURTLES

Terrapene bauri TAYLOR

Terrapene bauri TAYLOR
Proc. U. S. Nat. Mus., Vol. 17, May 11, 1895, p. 576.

TYPE LOCALITY: Florida.

RANGE: Peninsular Florida.

Terrapene carolina (LINNÉ)

Testudo carolina LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 198.
Terrapene carolina BELL
Zool. Journ., Vol. 2, 1825, p. 309.

TYPE LOCALITY: Carolina.

RANGE: Eastern United States from Maine to Georgia, west to Tennessee, western Illinois, and northwards to central Michigan.

Terrapene major (AGASSIZ)

Cistudo major AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 445.
Terrapene major BAUR
Science, Vol. 17, April 3, 1891, p. 190.

TYPE LOCALITY: Mobile, Alabama; Florida.

RANGE: Northern Florida and southern Georgia, west into southeastern Texas.

Terrapene ornata (AGASSIZ)

Cistudo ornata AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 445.
Terrapene ornata BAUR
Science, Vol. 17, April 3, 1891, p. 191.

TYPE LOCALITY: The Upper Missouri and Iowa.

RANGE: Territory between the Rocky Mountains and the Mississippi and Missouri Rivers, east into Iowa, western Wisconsin, Illinois and Indiana, south to the Gulf of Mexico; southwest into New Mexico, southern Arizona and northern Mexico.

Terrapene triunguis (AGASSIZ)

Cistudo triunguis AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 445.
Terrapene triunguis BAUR
Amer. Natural., Vol. 27, July, 1893, p. 677.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Coastal plain of the Gulf of Mexico, north in the Mississippi basin to Missouri, west into eastern Kansas, Oklahoma and Texas.

Malaclemys (*GENUS*)

GRAY, Cat. Tort. Brit. Mus., 1844, p. 28
TYPE: *concentrica*

DIAMOND-BACK TERRAPINS

Malaclemys centrata centrata (LATREILLE)

Testudo centrata LATREILLE
Hist. Nat. Rept., Vol. 1, 1802, p. 145.
Malaclemys centrata LOENNBERG
Proc. U. S. Nat. Mus., Vol. 17, Nov. 15, 1894, p. 319.

TYPE LOCALITY: Carolina.

RANGE: Coast strip from neighborhood of Cape Hatteras, south to Florida.

Malaclemys centrata concentrica (Shaw)

Testudo concentrica Shaw
Gen. Zool., Vol. 3, 1802, p. 43, pl. 9.
Malaclemmys centrata concentrica W. P. Hay
Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 16.

TYPE LOCALITY: Philadelphia markets.

RANGE: Coast strip from Buzzards Bay to North Carolina, Delaware and Chesapeake Bays.

Malaclemys pileata pileata (Wied)

Emys pileata Wied
Nova Acta Ac. Leopold.-Carol., Vol. 32, 1865, p. 17, pl. 1, figs. 2, 3.
Malaclemmys pileata W. P. Hay
Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 17.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Coast from mouth of Mississippi River eastwards to Florida.

Malaclemys pileata littoralis (W. P. Hay)

Malaclemmys littoralis W. P. Hay
Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 18, pls. 8, 9, 12, figs. 2, 3.
Malaclemys pileata littoralis Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 117.

TYPE LOCALITY: Rockport, Texas.

RANGE: Coast of Texas and outlying islands.

Malaclemys pileata macrospilota (W. P. Hay)

Malaclemmys macrospilota W. P. Hay
Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 16, pls. 6, 7, 11, fig. 1.
Malaclemys pileata macrospilota Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 117.

TYPE LOCALITY: Charlotte Harbor, Florida.

RANGE: Western coast of Florida.

Graptemys (*GENUS*)

Agassiz, Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 436
TYPE: *geographica*

MAP-TURTLES

Graptemys geographica (Le Sueur)

Testudo geographica Le Sueur
Journ. Ac. Nat. Sci. Phila., Vol. 1, Pt. 1, 1817, p. 86, pl. 5.
Graptemys geographica Agassiz
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 436.

TYPE LOCALITY: Marsh on the border of Lake Erie.

RANGE: Mississippi Valley north to Iowa, northern Illinois, southern Michigan, east to Pennsylvania and New York, Canada north to Ottawa River, shores of Lake Ontario, Lake George and Lake Champlain; eastern Tennessee and southwestern Virginia, west to southwestern Missouri, eastern Oklahoma, and northeastern Texas.

Graptemys pseudogeographica pseudogeographica (GRAY)

Emys pseudogeographica GRAY
Syn. Rept., 1831, p. 31 ("Le Sueur" in synonymy).

Graptemys pseudogeographica GRAY
Ann. Mag. Nat. Hist., Ser. 3, Vol. 12, Sept. 1863, p. 180.

TYPE LOCALITY: Wabash River, New Harmony, Indiana.

RANGE: Mississippi Valley, east to Alabama and Ohio, north to Wisconsin and northern Iowa, west to eastern Kansas and Oklahoma.

Graptemys pseudogeographis kohnii (BAUR)

Malacoclemmys kohnii BAUR
Science, Ser. 1, Vol. 16, Nov. 7, 1890, p. 263.

Graptemys pseudogeographica kohnii STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 117.

TYPE LOCALITY: Bayou Lafourche, B. Teche, and St. Martinsville, Louisiana.

RANGE: Gulf strip from Pensacola to eastern Texas.

Graptemys pseudogeographica oculifera (BAUR)

Malacoclemmys oculifera BAUR
Science, Ser. 1, Vol. 16, Nov. 7, 1890, p. 262.

Graptemys pseudogeographica oculifera STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 118.

TYPE LOCALITY: Mandeville, Louisiana.

RANGE: Southern Louisiana, west into Texas.

Graptemys pseudogeographica versa STEJNEGER

Graptemys pseudogeographica versa STEJNEGER
Journ. Washington Acad. Sci., Vol. 15, No. 20, Dec. 1925, p. 463.

TYPE LOCALITY: Austin, Texas.

RANGE: Recorded only from type locality.

Chrysemys (*GENUS*)

GRAY, Cat. Tort. Brit. Mus., 1844, p. 27
TYPE: *picta*

PAINTED TURTLES, SOLDIER TURTLES

Chrysemys bellii bellii (GRAY)

Emys bellii GRAY
Syn. Rept., 1831, p. 31.
Chrysemys bellii bellii RUTHVEN
Science, Vol. 59, Apr. 11, 1924, p. 340.
Chrysemys marginata bellii STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 134.
Chrysemys marginata treleasi STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 134.

TYPE LOCALITY: Unknown.

RANGE: From the Rocky Mountains to the Great Lakes and the Mississippi, northwest into Washington and British Columbia east of Cascade Mountains, southwest into New Mexico and Texas.

Chrysemys bellii marginata (AGASSIZ)

Chrysemys marginata AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 439; Vol. 2, pl. 1, fig. 6, pl. 5, figs. 1–4.
Chrysemys bellii marginata RUTHVEN
Science, Vol. 59, Apr. 11, 1924, p. 340.
Chrysemys marginata marginata STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 133.

TYPE LOCALITY: Wisconsin, Michigan, Indiana, Iowa.

RANGE: Central lowland, west to the Mississippi, north into southern Wisconsin and Michigan.

Chrysemys picta picta (SCHNEIDER)

Testudo picta SCHNEIDER
Naturg. Schildkr., 1783, p. 348.
Chrysemys picta (part) GRAY
Cat. Shield Rept. Brit. Mus., Pt. 1, March 8, 1856, p. 32.

TYPE LOCALITY: Unknown, said to have been England.

RANGE: Eastern North America from New Brunswick to Florida.

Chrysemys picta dorsalis (AGASSIZ)

Chrysemys dorsalis AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 440.

Chrysemys marginata dorsalis STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 2, 1923, p. 134.

TYPE LOCALITY: Mississippi and Louisiana.

RANGE: Mississippi Valley north to southern Missouri.

Pseudemys (*GENUS*)

GRAY, Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 197
TYPE: *concinna*

SLIDERS OR COOTERS

Pseudemys alabamensis BAUR

Pseudemys alabamensis BAUR
Proc. Amer. Philos. Soc., Vol. 31, July, 1893, p. 224.

TYPE LOCALITY: Mobile Bay, Alabama.

RANGE: Gulf coast from extreme northwestern Florida to Louisiana.

Pseudemys concinna (LE CONTE)

Testudo concinna LE CONTE
Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 106.
Pseudemys concinna GRAY
Cat. Shield Rept. Brit. Mus., Pt. 1, March 8, 1856, p. 34.

TYPE LOCALITY: Rivers of Georgia and Carolina above Augusta and Columbia.

RANGE: Eastern rivers from northern Florida to southern Maryland.

Pseudemys elegans (WIED)

Emys elegans WIED
Reise Nord-Amer., Vol. 1, Pt. 4, 1838, p. 213.
Pseudemys elegans COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 53.

TYPE LOCALITY: New Harmony, Indiana.

RANGE: Southern Texas and Mississippi basin north to Iowa, northern Indiana and Ohio.

Pseudemys floridana (LE CONTE)

Testudo floridana LE CONTE
Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 100.
Pseudemys floridana BAUR
Proc. Amer. Philos. Soc., Vol. 31, 1893, p. 223.

TYPE LOCALITY: St. John's River, Florida.

RANGE: Florida into southern Georgia.

Pseudemys hieroglyphica (Holbrook)[1]

Emys hieroglyphica Holbrook
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 47, pl. 2.
Pseudemys hieroglyphica H. Garman
Bull. Ill. Lab. Nat. Hist., Vol. 3, 1892, p. 231.

TYPE LOCALITY: Cumberland River, Tennessee.

RANGE: Rivers of southern Appalachians.

Pseudemys mobilensis Holbrook [2]

Emys mobilensis Holbrook
N. Amer. Herp., Ed. 1, Vol. 2, 1838, p. 53, pl. 9.
Pseudemys mobilensis True
Bull. U. S. Nat. Mus., No. 24, 1883, p. 32.

TYPE LOCALITY: Mobile, Alabama.

RANGE: Gulf coast from Texas to northern Florida; southwestern Georgia.

Pseudemys ornata nebulosa (Van Denburgh)

Chrysemys nebulosa Van Denburgh
Proc. Calif. Ac. Sci., Ser. 2, Vol. 5, 1895, p. 84, pl. 4–6.
Pseudemys ornata nebulosa Stejneger and Barbour
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 120.

TYPE LOCALITY: Los Dolores, abreast of San José Island, Lower California.

RANGE: Southern Lower California.

Pseudemys rubriventris (Le Conte)

Testudo rubriventris Le Conte
Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 101.
Pseudemys rubriventris Loennberg
Proc. U. S. Nat. Mus., Vol. 17, Nov. 15, 1894, p. 318.

TYPE LOCALITY: Delaware River, near Trenton, New Jersey.

RANGE: Atlantic coast from extreme northeast Florida to Long Island, New York; Plymouth, Massachusetts.

Pseudemys scripta (Schoepff)

Testudo scripta Schoepff
Hist. Testud., Pts. 1–2, 1792, p. 16, pl. 3, figs. 4, 5.
Pseudemys scripta Jordan
Man. Vertebr. Anim. North. U. S., Ed. 8, 1899, p. 209.

[1] Specimens from North Carolina have recently been described as *P. elonae* (Brimley, Journ. Elisha Mitchell Sci. Soc., Vol. 44, No. 1, 1928, p. 66, from Guilford County, North Carolina).

[2] Specimens from Louisiana have recently been described as *P. vioscana* (Brimley, Journ. Elisha Mitchell Sci. Soc. Vol. 44, No. 1, 1928, p. 66, from Lake Des Allemands, Louisiana).

TYPE LOCALITY: Unknown.
RANGE: Northern Florida to North Carolina.

Pseudemys texana BAUR

Pseudemys texana BAUR
Proc. Amer. Philos. Soc., Vol. 31, July, 1893, p. 223.

TYPE LOCALITY: San Antonio, Texas.
RANGE: Southwestern Missouri, western Arkansas and Texas to northeastern Mexico.

Pseudemys troostii (HOLBROOK)

Emys troostii HOLBROOK
N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 55, pl. 4.
Pseudemys troostii COPE
Bull. U. S. Nat. Mus., No. 1, 1875, p. 53.

TYPE LOCALITY: Cumberland River, Tennessee.
RANGE: Texas, and Mississippi Valley, north to northern Missouri and southern Indiana; North Carolina.

Deirochelys (*GENUS*)

AGASSIZ, Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 441
TYPE: *reticulata* = reticularia

Deirochelys reticularia (LATREILLE)

CHICKEN-TURTLE

Testudo reticularia LATREILLE
Hist. Nat. Rept., Vol. 1, 1802, p. 124.
Deirochelys reticularia (part) GRAY
Suppl. Cat. Shield Rept. Brit. Mus., Pt. 1, 1870, p. 39.

TYPE LOCALITY: Carolina.
RANGE: Coastal plain from Beaufort, North Carolina, to and including the Mississippi alluvial plain; north to Oklahoma; south to southern Florida; west to Texas.

Gopherus (*GENUS*)

RAFINESQUE, Atlantic Journ., Vol. 1, No. 2, 1832, p. 64
TYPE: *polyphemus*

GOPHER-TURTLES

Gopherus agassizii (COOPER)

Xerobates agassizii COOPER
Proc. Calif. Ac. Sci., Vol. 2, 1863, p. 120.

Gopherus agassizii STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Mountains near Fort Mojave, California.

RANGE: Deserts of southwestern Arizona, and southeastern California into Nevada and Utah; south into Sonora; Tiburon Island, Lower California.

Gopherus berlandieri (AGASSIZ)

Xerobates berlandieri AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 447; Vol. 2, pl. 3, figs. 17–19.
Gopherus berlandieri STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Lower Rio Grande, Texas.

RANGE: Southwestern corner of Texas into northeastern Mexico.

Gopherus polyphemus (DAUDIN)

Testudo polyphemus DAUDIN
Hist. Nat. Rept., Vol. 2, 1803, p. 258.
Gopherus polyphemus STEJNEGER
N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Savannah and Altamaha Rivers, Georgia.

RANGE: Coast from southern South Carolina to Florida and the Mississippi River north into southern Arkansas.

CHELONIIDAE (*FAMILY*)

Chelonia (*GENUS*)

LATREILLE, Hist. Nat. Rept., Vol. 1, 1802, p. 22
TYPE: *mydas*

GREEN-TURTLES

Chelonia agassizii BOCOURT

Chelonia agassizii BOCOURT
Ann. Sci. Nat., Ser. 5, Zool., Vol. 10, Pts. 1–3, 1868, p. 122.

TYPE LOCALITY: Guatemala, mouth of Nagualate in the Pacific.

RANGE: Pacific Ocean, north to coasts of Lower California and southern California.

Chelonia mydas (LINNÉ)

Testudo mydas LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 197.
Chelonia mydas SCHWEIGGER
Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 412.

TYPE LOCALITY: Ascension Island, etc.

RANGE: Atlantic Ocean; Gulf of Mexico, occasionally as far north as Massachusetts.

Eretmochelys (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 30
TYPE: *imbricata*

SHELL-TURTLES, HAWKS-BILLS

Eretmochelys imbricata (LINNÉ)

Testudo imbricata LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 350.

Eretmochelys imbricata AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 381.

TYPE LOCALITY: American seas.

RANGE: Florida and Gulf coasts; occasionally as far north as Massachusetts.

Eretmochelys squamosa (GIRARD)

Caretta squamosa GIRARD
U. S. Expl. Exped., Herp., 1858, p. 442, pl. 30, figs. 1–7.

Eretmochelys squamosa STEJNEGER
Bull. U. S. Nat. Mus., No. 58, 1907, p. 511.

TYPE LOCALITY: Sulu Seas and Indian Ocean.

RANGE: Pacific Ocean; coast of Lower California.

Caretta (*GENUS*)

RAFINESQUE, Specchio Sci., Palermo, Vol. 2, No. 9, Sett. 1, 1814, p. 66
TYPE: *nasuta* = caretta

LOGGERHEAD TURTLES

Caretta caretta (LINNÉ)

Testudo caretta LINNÉ
Syst. Nat., Ed. 10, Vol. 1, 1758, p. 197.

Caretta caretta STEJNEGER
Ann. Rep. U. S. Nat. Mus., 1902 (1904), p. 715.

TYPE LOCALITY: "About the American Islands."

RANGE: Atlantic Ocean, breeding as far north as Beaufort, North Carolina; north occasionally to coast of Massachusetts.

Caretta kempii (GARMAN)

BASTARD-TURTLE

Thalassochelys (Colpochelys) kempii GARMAN
Bull. Mus. Comp. Zoöl., Vol. 6, 1880, p. 123.
Caretta kempii SIEBENROCK
Zool. Jahrb. Suppl., Vol. 10, Pt. 3, 1909, p. 551.

TYPE LOCALITY: Gulf of Mexico.

RANGE: Northeastern part of Gulf of Mexico north to Cape Hatteras, and accidentally to the coast of Massachusetts.

Caretta olivacea (ESCHSCHOLTZ)

Chelonia olivacea ESCHSCHOLTZ
Zool. Atlas, Pt. 1, 1829, p. 2, pl. 3.
Caretta olivacea RUEPPELL
Neue Wirbelth. Abyssin., Amph., 1835, p. 7.

TYPE LOCALITY: Manila Bay, P. I.

RANGE: Tropical Pacific straggling to the California coast.

DERMOCHELIDAE (*FAMILY*)

Dermochelys (*GENUS*)

BLAINVILLE, Bull. Soc. Philom. Paris, 1816, p. 111 bis [= 119]
TYPE: *coriacea*

Dermochelys coriacea (LINNÉ)

Testudo coriacea LINNÉ
Syst. Nat., Ed. 12, Vol. 1, 1766, p. 350.
Dermochelys coriacea BOULENGER
Cat. Chel. Brit. Mus., 1889, p. 10.

TYPE LOCALITY: Mediterranean Sea.

RANGE: Atlantic Ocean; occasionally on entire coast as far north as Nova Scotia.

Dermochelys schlegelii (GARMAN)

Sphargis coriacea var. *schlegelii* GARMAN
Bull. U. S. Nat. Mus., No. 25, 1884, p. 303.
Dermochelys schlegelii STEJNEGER
Bull. U. S. Nat. Mus., No. 58, 1907, p. 485.

TYPE LOCALITY: Tropical Pacific and Indian Ocean.

RANGE: Tropical Pacific Ocean; coasts of Lower California and southern California.

TRIONYCHIDAE (*FAMILY*)

Amyda (*GENUS*)

OKEN, Lehrb. Zool., Vol. 2, 1816, p. 348
TYPE: *euphratica*

SOFT-SHELLED TURTLES

Amyda emoryi (AGASSIZ)

Aspidonectes emoryi AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 407; Vol. 2, pl. 6, figs. 4, 5.
Amyda emoryi STEJNEGER and BARBOUR
Check List N. Amer. Amph. Rept., Ed. 1, 1917, p. 124.

TYPE LOCALITY: Rio Grande River, near Brownsville, Texas.
RANGE: Rivers of Texas, north into southern Oklahoma and Arkansas.

Amyda ferox (SCHNEIDER)

Testudo ferox SCHNEIDER
Naturg. Schildkr., 1783, p. 330.
Amyda ferox OKEN
Lehrb. Zool., Vol. 2, 1816, p. 348.

TYPE LOCALITY: Savannah River, Georgia.
RANGE: South Carolina to Florida and Louisiana.

Amyda mutica (LE SUEUR)

Trionyx muticus LE SUEUR
Mém. Mus. Hist. Nat. Paris, Vol. 15, Dec. 1827, p. 263, pl. 7.
Amyda mutica AGASSIZ
Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 399.

TYPE LOCALITY: Wabash River at New Harmony, Indiana.
RANGE: Mississippi River and tributaries; north to South Dakota and Minnesota; east to western Pennsylvania; west to Kansas, Oklahoma and Texas. Brazos and Colorado Rivers.

Amyda spinifera (LE SUEUR)

Trionyx spiniferus LE SUEUR
Mém. Mus. Hist. Nat. Paris, Vol. 15, 1827, p. 258, pl. 6.
Amyda spinifera HURTER
Trans. Ac. Sci. St. Louis, Vol. 20, 1911, p. 251.

TYPE LOCALITY: Wabash River at New Harmony, Indiana.
RANGE: Mississippi River and tributaries, west to Colorado, north to Montana; St. Lawrence River and tributaries; east to Vermont, western New York, and Pennsylvania.

INDEX

INDEX

abacura, Farancia, 88.
abacurus, Coluber, 88.
Abastor, 88.
    erythrogrammus, 88.
abyssus, Crotalus, 134.
Acris, 30.
    gryllus, 30.
acutus, Crocodilus, 44.
    Crocodylus, 44.
adamanteus, Crotalus, 132.
Adder, puffing, 91.
    spreading, 91.
aeneus, Aneides, 20.
    Plethodon, 20.
aesopus, Rana, 38.
aestivus, Coluber, 93.
    Cyclophis, 93.
    Opheodrys, 93.
affinis, Pituophis, 104.
agalma, Lampropeltis, 108.
Agama collaris, 49.
    cornuta, 67.
    coronata, 67.
    douglassii, 67.
agassizii, Chelonia, 150.
    Gopherus, 149.
    Xerobates, 149.
Agkishodon mokasen, 131.
Agkistrodon, 131.
    mokasen, 131.
    piscivorus, 131.
alabamensis, Pseudemys, 147.
albilabris, Cystignathus, 36.
    Leptoaactylus, 36.
albus, Scaphiopus, 26.
alleganiensis, Cryptobranchus, 3.
    Salamandra, 3.
alleghaniensis, Cryptobranchus, 3.
allegheniensis, Cryptobranchus, 3.
alleni, Helicops, 121.
    Liodytes, 121.
allenii, Liodytes, 121.
Alligator, 44.
    missisipensis, 45.
    mississipiensis, 44.
    mississippiensis, 45.
Alligator-snapper, 140.
alterna, Lampropeltis, 105.
alternus, Ophibolus, 105.
alvarius, Bufo, 26.
amabilis, Diadophis, 88.
amaura, Lampropeltis, 109.
Amblystoma annulatum, 4.
    aterrimum, 7.
    cingulatum, 4.
    decorticatum, 5.
    jeffersonianum, 5.
    macrodactylum, 5.
    opacum, 6.
    paroticum, 6.
    punctatum, 6.
    talpoideum, 7.
    texanum, 7.
    tigrinum, 7.
Ambystoma, 4.
    annulatum, 4.
    cingulatum, 4.
    decorticatum, 5.
    epixanthum, 6.
    gracile, 5.
    jeffersoniana, 5.
    jeffersonianum, 5.
    mabeei, 5.
    macrodactyla, 6.
    macrodactylum, 6.
    maculatum, 6.
    microstomum, 7.
    opaca, 6.
    opacum, 6.
    paroticum, 5.
    talpoideum, 6.
    tenebrosum, 8.
    texanum, 7.
    tigrina, 7.
    tigrinum, 7.

Ambystomidae, 4.
Ameiva tesselata, 77.
American toad, 27.
americanus, Bufo, 27.
Crocodilus, 44.
Amoebopsis gilbertii, 73.
amoena, Carphophis, 87.
amoenus, Carphophiops, 87.
Coluber, 87.
Amphiardis, inornatus, 120.
Amphibia, 1.
Amphisbaenidae, 83.
Amphiuma, 2.
means, 2.
tridactylum, 2.
Amphiumidae, 2.
Amyda, 153.
emoryi, 153.
ferox, 153.
mutica, 153.
spinifera, 153.
Anaides ferreus, 20.
Ancistrodon contortrix, 131.
piscivorus, 131.
Anderson tree-frog, 33.
andersonii, Hyla, 33.
Aneides, 20.
aeneus, 20.
farallonensis, 21.
ferreus, 20.
flavipunctatus, 21.
iëcanus, 21.
lugubris, 21.
Anguidae, 69.
Anguis platura, 130.
ventralis, 69.
angustirostris, Eutaenia, 121.
Thamnophis, 121.
angustus, Sator, 59.
annectens, Pituophis, 102.
Anniella, 72.
nigra, 72.
pulchra, 72.
Anniellidae, 72.
annulata, Lampropeltis, 110.
Osceola, 110.
annulatum, Amblystoma, 4.
Ambystoma, 4.
annulatus, Linguaelapsus, 4.
Anolis, 47.
carolinensis, 47.
stejnegeri, 47.
Anolius carolinensis, 47.
Anota maccallii, 68.
m'callii, 68.
modesta, 68.
platyrhina, 69.
anthonyi, Bascanion, 93.
Coluber, 93.
Diadophis, 90.
anthracinus, Eumeces, 80.
Plestiodon, 80.
approximans, Holbrookia, 54.
arenicolor, Hyla, 33.
areolata, Engystoma, 43.
Gastrophryne, 43.
Rana, 38.
Arizona, 101.
elegans, 101.
occidentalis, 102.
arizonae, Diadophis, 91.
Xantusia, 73.
arnyi, Diadophis, 90.
Aromochelys carinata, 137.
Ascaphidae, 25.
Ascaphus, 25.
truci, 25.
Aspidonectes emoryi, 153.
ater, Sauromalus, 51.
Dicamptodon, 7.
aterrimus, Dicamptodon, 8.
atrata, Eutainia, 123.
atratus, Thamnophis, 123.
atrox, Crotalus, 132.
attenuata, Salamandrina, 8.
attenuatus, Batrachoseps, 8.
augusti, Eleutherodactylus, 37.
Hylodes, 37.
auriculata, Desmognathus, 22.
Salamandra, 22.
Uta, 55.
auriculatus, Desmognathus, 22.
aurigulus, Coluber, 93.
Drymobius, 93.
Zamenis, 93.
aurora, Rana, 39.

Autodax farallonensis, 21.
ferreus, 20.
lugubris, 21.
avivoca, Hyla, 33.

bacatus, Cnemidophorus, 74.
baileyi, Crotaphytus, 49.
bairdi, Coluber, 98.
Elaphe, 98.
bairdii, Coluber, 98.
Ball-snake, 86.
Banded rattlesnake, 135.
barbouri, Coluber, 94.
Micrurus, 130.
Barissia, 72.
levicollis, 72.
bartolomas, Cnemidophorus, 74.
Bascanion anthonyi, 93.
frenatum, 95.
Bascanium piceum, 95.
semilineatum, 96.
Bastard-turtle, 152.
Batrachoseps, 8.
attenuatus, 8.
catalinae, 10.
caudatus, 9.
leucopus, 9.
major, 9.
pacificus, 9.
baudinii, Hyla, 34.
Smilisca, 34.
bauri, Terrapene, 142.
baurii, Cinosternum, 138.
Kinosternon, 138.
becki, Sceloporus, 63.
beldingi, Verticaria, 75.
bellii, Chrysemys, 146.
Emys, 146.
bellona, Pityophis, 104.
berlandieri, Gopherus, 150.
Xerobates, 150.
bilineatus, Spelerpes, 18.
Bipes, 83.
biporus, 83.
biporus, Bipes, 83.
Euchirotes, 83.
biscutata, Eutaenia, 123.
biscutatus, Thamnophis, 123.
bi-seriatus, Sceloporus, 63.
bislineata, Eurycea, 17.
Salamandra, 17.
Black rattlesnake, 135.
Black-snake, 94.
pilot, 99.
blainvillei, Phrynosoma, 66.
blainvillii, Phrynosoma, 66.
blandingii, Cistudo, 142.
Emys, 142.
Blanding's turtle, 142.
Blind eel, 2.
Blue racer, 94.
Blue-tailed skink, 81.
Boa contortrix, 91.
Boidae, 85.
Boomer, mountain, 49.
boreas, Bufo, 27.
bottae, Charina, 86.
Tortrix, 86.
Box-turtles, 142.
boylii, Lampropeltis, 107.
Ophibolus, 107.
Rana, 39.
brachyphona Pseudacris, 31.
brachyphonus, Chorophilus, 31.
Brevicipitidae, 43.
brevicorne, Phrynosoma, 67.
brevilineatus, Eumeces, 80.
brevirostre, Phrynosoma, 66.
brevirostris, Tapaya, 66.
brevis, Coleonyx, 47.
brimleyorum, Desmognathus, 21.
brooksi, Lampropeltis, 107.
browni, Heterodon, 91.
Phyllorhynchus, 97.
Bufo, 26.
alvarius, 26.
americanus, 27.
boreas, 27.
californicus, 27.
canorus, 28.
cognatus, 28.
columbiensis, 27.
compactilis, 28.
copei, 27.
debilis, 28.
fowleri, 28.

Bufo halophila, 27.
halophilus, 27.
hemiophrys, 29.
lentiginosus, 30.
marinus, 29.
punctatus, 29.
quercicus, 29.
terrestris, 30.
valliceps, 30.
woodhousei, 30.
woodhousii, 30.
Bufonidae, 26.
Bull-snake, 104.
western, 102.
Bullfrog, 40.
burnettii, Gerrhonotus, 70.
butleri, Eutaenia, 121.
Thamnophis, 121.
butlerii, Eutaenia, 121.

caerulea, Verticaria, 76.
caeruleus, Cnemidophorus, 76.
cahuilae, Leptotyphlops, 85.
Calamaria tenuis, 111.
Calamita cinereus, 34.
California newt, 3.
californiae, Coluber, 105.
Lampropeltis, 105.
Ophibolus, 105.
Ophis, 105.
californicus, Bufo, 27.
callicephalus, Eumeces, 80.
calligaster, Coluber, 106.
Lampropeltis, 106.
Ophibolus, 106.
Callisaurus, 52.
crinitus, 52.
draconoides, 52.
gabbii, 53.
inusitatus, 53.
myurus, 53.
splendidus, 52.
ventralis, 52.
campi, Syrrhophus, 38.
cana, Ficimia, 113.
Canebrake rattlesnake, 135.
canorus, Bufo, 28.
cantabrigensis, Rana, 40.
canum, Gyalopion, 113.
Gyalopium, 113.
canus, Cnemidophorus, 78.
Caretta, 151.
caretta, 151.
kempii, 152.
olivacea, 152.
squamosa, 151.
caretta, Caretta, 151.
Testudo, 151.
carinata, Aromochelys, 137.
carinatum, Kinosternon, 137.
carinatus, Sternotherus, 137.
carmenensis, Dipso-saurus, 48.
carolina, Terrapene, 142.
Testudo, 142.
carolinense, Engystoma, 43.
carolinensis, Anolis, 47.
Anolius, 47.
Desmognathus, 22.
Gastrophryne, 43.
Hyla, 34.
Carphophiops amoenus, 87.
vermis, 87.
Carphophis, 87.
amoena, 87.
helenae, 87.
vermis, 87.
catalinae, Batrachoseps, 10.
catalinensis, Cnemidophorus, 75.
Dipso-saurus, 48.
Lampropeltis, 106.
catenatus, Crotalinus, 131.
Sistrurus, 131.
catenifer, Coluber, 102.
Pituophis, 102.
Pityophis, 102.
catesbeiana, Rana, 40.
catesbiana, Rana, 40.
Caudata, 1.
caudatus, Batrachoseps, 9.
Caudisona enyo, 135.
lepida, 135.
mitchellii, 136.
celaenops, Lampropeltis, 110.
celeripes, Cnemidophorus, 78.
Celuta helenae, 87.
vermis, 87.

Cemophora, 111.
coccinea, 111.
centrata, Malaclemys, 143.
Testudo, 143.
ceralbensis, Cnemidophorus, 75.
cerastes, Crotalus, 133.
cerroense, Phrynosoma, 66.
Chain-snake, 106.
Chameleon, 47.
Charina, 86.
bottae, 86.
Chelonia, 150.
agassizii, 150.
mydas, 150.
olivacea, 152.
Cheloniidae, 150.
Chelonura temminckii, 140.
Chelydra, 140.
osceola, 140.
serpentina, 140.
Chelydridae, 140.
Chicken-snake, 99.
Chicken-turtle, 149.
Chilomeniscus, 114.
cinctus, 114.
ephippicus, viii
punctatissimus, 114.
stramineus, 114.
Chionactis isozonus, 112.
occipitalis, 112.
taylorii, 112.
chlorosoma, Coluber, 98.
Elaphe, 98.
Chondrotus aterrimus, 7.
cingulatus, 4.
decorticatus, 5.
paroticus, 5.
texanus, 7.
Chorophilus brachyphonus, 31.
feriarum, 32.
nigritus, 31.
occidentalis, 32.
ocularis, 32.
ornatus, 33.
septentrionalis, 32.
triseriatus, 32.
Chrysemys, 146.
bellii, 146.
Chrysemys dorsalis, 146.
marginata, 146.
nebulosa, 148.
picta, 146.
treleasei, 146.
chrysoscelis, Hyla, 36.
Chuck-walla, 51.
cinctus, Chilomeniscus, 114.
cinerea, Hyla, 34.
Salamandra, 10.
cinereus, Calamita, 34.
Plethodon, 10.
Sphaerodactylus, 46.
cingulatum, Amblystoma, 4.
Ambystoma, 4.
cingulatus, Chondrotus, 4.
Cinosternum baurii, 138.
flavescens, 138.
steindachneri, 139.
cirrigera, Eurycea, 18.
Spelerpes, 18.
Cistudo blandingii, 142.
major, 143.
ornata, 143.
triunguis, 143.
clamata, Rana, 40.
clamitans, Rana, 40.
clarionensis, Uta, 55.
clarkii, Helocoetes, 31.
Natrix, 114.
Pseudacris, 31.
Regina, 114.
Sceloporus, 60, 62.
Clemmys, 141.
guttata, 141.
insculpta, 141.
marmorata, 141.
muhlenbergii, 141.
clemsonae, Plethodon, 11.
Cnemidophorus, 74.
bacatus, 74.
bartolomas, 74.
caeruleus, 76.
canus, 78.
catalinensis, 75.
celeripes, 78.
ceralbensis, 75.
danheimae, 76.

Cnemidophorus dickersonae, 78.
disparilis, 78.
estebanensis, 75.
grahamii, 75.
gularis, 75.
hyperythrus, 75.
labialis, 76.
martyris, 78.
maximus, 77.
melanostethus, 77.
multiscutatus, 78.
mundus, 78.
perplexus, 77.
pictus, 76.
punctilinealis, 78.
rubidus, 79.
sexlineatus, 77.
stejnegeri, 79.
stejnegerii, 79.
tessellatus, 77.
vandenburghi, 79.
Coach whip, 94.
coccinea, Cemophora, 111.
Osceola, 110.
coccineus, Coluber, 111.
coeruleus, Gerrhonotus, 70.
cognatus, Bufo, 28.
Coleonyx, 47.
brevis, 47.
variegatus, 47.
Collared lizard, 49.
collaris, Agama, 49.
Crotaphytus, 49.
Colpochelys kempii, 152.
Coluber, 93.
abacurus, 88.
aestivus, 93.
amoenus, 87.
anthonyi, 93.
aurigulus, 93.
bairdi, 98.
bairdii, 98.
barbouri, 94.
californiae, 105.
calligaster, 106.
catenifer, 102.
chlorosoma, 98.
coccineus, 111.
Coluber confinis, 99.
constrictor, 94.
couperi, 101.
edwardsii, 90.
elapsoides, 106.
emoryi, 99.
eques, 122.
erythrogrammus, 88.
fasciatus, 117.
flagellum, 94.
flavi-gularis, 95.
flaviventris, 94.
frenatum, 95.
fulvius, 129.
getulus, 106.
girardi, 96.
guttatus, 98.
infernalis, 126.
laetus, 99.
lateralis, 95.
melanoleucus, 103.
mormon, 94.
obsoletus, 99.
occipito-maculatus, 119.
parietalis, 126.
piceus, 95.
planiceps, 129.
proximus, 125.
punctatus, 90.
quadrivittatus, 99.
rhombomaculatus, 109.
rigidus, 116.
rosaceus, 100.
rosaliae, 100.
ruthveni, 96.
saurita, 124.
sayi, 104.
schotti, 96.
semilineatus, 96.
septemvittatus, 116.
simus, 92.
sipedon, 116.
sirtalis, 125.
striatulus, 120.
subocularis, 100.
taeniatus, 96.
triangulum, 109.
vernalis, 92.

Coluber vertebralis, 104.
vulpinus, 100.
Colubridae, 87.
columbiensis, Bufo, 27.
Common newt, 3.
snapper, 140.
compactilis, Bufo, 28.
compressicauda, Natrix, 115.
Nerodia, 115.
Compsosoma couperii, 101.
concentrica, Malaclemmys, 144.
Malaclemys, 144.
Testudo, 144.
concinna, Eutaenia, 126.
Pseudemys, 147.
Testudo, 147.
Uta, 56.
concinnus, Thamnophis, 126.
Tropidonotus, 126.
concolor, Crotalus, 134.
confinis, Coluber, 99.
Elaphe, 99.
Scotophis, 99.
confluens, Natrix, 117.
confluentus, Crotalus, 133.
Congo eel, 2.
snake, 2.
Coniophanes, 126.
imperialis, 126.
conjuncta, Lampropeltis, 107.
consobrinus, Sceloporus, 60.
constrictor, Coluber, 94.
Zamenis, 94.
Contia, 111.
mitis, 111.
pygaea, 118.
taylori, 112.
tenuis, 111.
contortrix, Ancistrodon, 131.
Boa, 91.
Heterodon, 91.
Cooters, 147.
copei, Bufo, 27.
Cophosaurus texanus, 55.
Copperhead, 131.
Coral-snakes, 129.
Cordylus multi-carinatus, 70.
coriacea, Dermochelys, 152.
coriacea, Testudo, 152.
Corn-snake, 98.
cornuta, Agama, 67.
cornutum, Phrynosoma, 67.
coronata, Agama, 67.
Tantilla, 128.
coronatum, Phrynosoma, 67.
Costata, 25.
Cotton-mouth moccasin, 131.
couchii, Eutaenia, 124.
Eutainia, 123.
Scaphiopus, 25.
Sceloporus, 60.
Thamnophis, 123.
couperi, Coluber, 101.
Drymarchon, 101.
couperii, Compsosoma, 101.
Cricket-frog, 30.
crinitus, Callisaurus, 52.
croceater, Ensatina, 13.
Plethodon, 13.
Crocodile, 44.
Crocodilus acutus, 44.
americanus, 44.
mississipiensis, 44.
Crocodylidae, 44.
Crocodylus, 44.
acutus, 44.
Crotalidae, 131.
Crotalinus catenatus, 131.
Crotalophorus edwardsii, 132.
Crotalus, 132.
abyssus, 134.
adamanteus, 132.
atrox, 132.
cerastes, 133.
concolor, 134.
confluentus, 133.
decolor, 134.
elegans, 133.
enyo, 135.
exsul, 135.
goldmani, 136.
horridus, 135.
lepidus, 135.
lucasensis, 133.
lucifer, 135.
lutosus, 134.

Crotalus miliarius, 132.
mitchellii, 136.
molossus, 136.
oreganus, 134.
piscivorus, 131.
pricei, 136.
ruber, 135.
scutulatus, 133.
stephensi, 136.
tigris, 136.
tortugensis, 133.
triseriatus, 136.
willardi, 137.
Crotaphytus, 49.
baileyi, 49.
collaris, 49.
dickersonae, 50.
dorsalis, 48.
insularis, 50.
reticulatus, 50.
silus, 50.
wislizenii, 50.
crucifer, Hyla, 34.
Cryptobranchidae, 2.
Cryptobranchus, 2.
alleganiensis, 3.
alleghaniensis, 3.
allegheniensis, 3.
Ctenosaura, 48.
hemilopha, 48.
multispinis, 48.
cuneus, Hypopachus, 43.
cyanogenys, Sceloporus, 64.
Cyclophis aestivus, 93.
cyclopion, Natrix, 115.
Tropidonotus, 115.
cyclopium, Natrix, 115.
Cyclura hemilopha, 48.
Cystignathus albilabris, 36.

danheimae, Cnemidophorus, 76.
danielsi, Gyrinophilus, 15.
Spelerpes, 15.
debilis, Bufo, 28.
deckerti, Elaphe, 100.
decolor, Crotalus, 134.
decorticatum, Amblystoma, 5.
Ambystoma, 5.
decorticatus, Chondrotus, 5.
decurtata, Phimothyra, 97.
decurtatus, Phyllorhynchus, 97.
Deirochelys, 149.
reticularia, 149.
dekayi, Storeria, 118.
Tropidonotus, 118.
DeKay's snake, 118.
deppei, Elaphis, 103.
Pituophis, 103.
Dermochelidae, 152.
Dermochelys, 152.
coriacea, 152.
schlegelii, 152.
deserticola, Pituophis, 102.
Desmognathus, 21.
auriculata, 22.
auriculatus, 22.
brimleyorum, 21.
carolinensis, 22.
fusca, 22.
fuscus, 21.
monticola, 22.
ochrophaea, 22.
ochrophaeus, 22.
phoca, 22.
quadra-maculatus, 23.
quadrimaculata, 23.
Diadophis, 88.
amabilis, 88.
anthonyi, 90.
arizonae, 91.
arnyi, 90.
edwardsii, 90.
modestus, 89.
occidentalis, 89.
pulchellus, 89.
punctatus, 90.
regalis, 91.
similis, 89.
stictogenys, 90.
vandenburghi, 89.
Diamond-back rattler, 132.
terrapins, 143.
Diapsida, 44.
Dicamptodon, 7.
aterrimum, 7.
aterrimus, 8.

Dicamptodon ensatus, 7.
dickersonae, Cnemidophorus, 78.
Crotaphytus, 50.
Diemyctylus meridionalis, 3.
torosus, 3.
viridescens, 4.
Diplodactylus unctus, 46.
Dipsas septentrionalis, 127.
Dipso-saurus, 48.
carmenensis, 48.
catalinensis, 48.
dorsalis, 48.
lucasensis, 49.
disparilis, Cnemidophorus, 78.
Sceloporus, 60.
dissecta, Glauconia, 85.
ditmarsi, Phrynosoma, 67.
dorsalis, Chrysemys, 146.
Crotaphytus, 48.
Dipso-saurus, 48.
Plethodon, 11.
Triturus, 4.
douglassii, Agama, 67.
Phrynosoma, 67.
draconoides, Callisaurus, 52.
draytoni, Rana, 39.
draytonii, Rana, 39.
Dromicus flavilatus, 105.
Drymarchon, 101.
couperi, 101.
melanurus, 101.
Drymobius, 101.
aurigulus, 93.
margaritiferus, 101.
dulcis, Glauconia, 84.
Leptotyphlops, 84.
Rena, 84.
duryi, Gyrinophilus, 15.
Dusky salamander, 10.
Dwarf salamander, 16.

Ebbet, 3.
edwardsii, Coluber, 90.
Crotalophorus, 132.
Diadophis, 90.
Sistrurus, 132.
Eel, Blind, 2.
Congo, 2.
Eel, Mud, 24.
Eft, red, 3.
egregius, Eumeces, 80.
Plestiodon, 80.
eiseni, Tantilla, 128.
Elaphe, 98.
bairdi, 98.
chlorosoma, 98.
confinis, 99.
deckerti, 100.
guttata, 98.
laeta, 99.
lindheimeri, viii.
obsoleta, 99.
quadrivittata, 99.
rosacea, 100.
rosaliae, 100.
subocularis, 100.
vulpina, 100.
vulpinus, 100.
Elaphis deppei, 103.
guttatus, 98.
obsoletus, 99.
Elapidae, 129.
Elaps euryxanthus, 130.
fulvius, 129.
elapsoidea, Osceola, 106.
elapsoides, Coluber, 106.
Lampropeltis, 106.
elegans, Arizona, 101.
Crotalus, 133.
Emys, 147.
Eutaenia, 123.
Eutainia, 123.
Holbrookia, 53.
Pseudemys, 147.
Rhinechis, 102.
Thamnophis, 123.
Uta, 58.
Virginia, 119.
Eleutherodactylus, 37.
augusti, 37.
latrans, 37.
ricordii, 37.
Elgaria principis, 71.
elonae, Pseudemys, 148.
elongatus, Plethodon, 11.
Sceloporus, 61.

emoryi, Amyda, 153.
Aspidonectes, 153.
Coluber, 99.
Emys, 142.
bellii, 146.
blandingii, 142.
elegans, 147.
hieroglyphica, 148.
marmorata, 141.
mobilensis, 148.
pileata, 144.
pseudogeographica, 145.
troostii, 149.
Engystoma areolata, 43.
carolinense, 43.
texense, 43.
Ensatina, 13.
croceater, 13.
eschscholtzii, 13.
sierrae, 14.
ensatus, Dicamptodon, 7.
Triton, 7.
enyo, Caudisona, 135.
Crotalus, 135.
ephippicus, Chilomeniscus, viii.
Epiglottophis, pleurostictus, 103.
epipleurotus, Eumeces, 81.
epixanthum, Ambystoma, 6.
eques, Coluber, 122.
Eutaenia, 122.
Thamnophis, 122.
Eretmochelys, 151.
imbricata, 151.
squamosa, 151.
erythrogaster, Natrix, 117.
erythrogrammus, Abastor, 88.
Coluber, 88.
eschscholtzii, Ensatina, 13.
Plethodon, 13.
espiritensis, Verticaria, 75.
estebanensis, Cnemidophorus, 75.
Eublepharis variegatus, 47.
Euchirotes biporus, 83.
Eumeces, 80.
anthracinus, 80.
brevilineatus, 80.
callicephalus, 80.
egregius, 80.
Eumeces epipleurotus, 81.
fasciatus, 81.
guttulatus, 82.
humilis, 81.
inexpectatus, 80.
lagunensis, 83.
laticeps, 80.
leptogrammus, 81.
longirostris, 81.
multivirgatus, 81.
obsoletus, 82.
pachyurus, 82.
pluvialis, 82.
quinquelineatus, 81.
septentrionalis, 82.
skiltonianus, 83.
tetragrammus, 83.
Euphryne obesus, 51.
Eurycea, 17.
bislineata, 17.
cirrigera, 18.
gutto-lineata, 18.
longicauda, 18.
lucifuga, 19.
melanopleura, 19.
montana, 16.
multiplicata, 19.
platycephala, 20.
rubra, 17.
schencki, 17.
wilderae, 18.
euryxanthus, Elaps, 130.
Micruroides, 130.
Micrurus, 130.
Eutaenia angustirostris, 121.
biscutata, 123.
butleri, 121.
butlerii, 121.
concinna, 126.
couchii, 124.
elegans, 123.
eques, 122.
hammondii, 123.
marciana, 122.
megalops, 122.
ordinoides, 122.
parietalis, 126.
proxima, 125.

Eutaenia radix, 124.
sackenii, 125.
saurita, 124.
sirtalis, 125.
vagrans, 124.
Eutainia atrata, 123.
couchii, 123.
elegans, 123.
marciana, 122.
radix, 124.
vagrans, 124.
evittata, Hyla, 34.
eximia, Hyla, 34.
exsul, Crotalus, 135.
extenuatum, Stilosoma, 111.
extenuatus, Stylophis, 111.

farallonensis, Aneides, 21.
Autodax, 21.
Farancia, 88.
abacura, 88.
fasciata, Lacerta, 81.
Natrix, 117.
fasciatus, Coluber, 117.
Eumeces, 81.
femoralis, Hyla, 35.
Fence lizard, 65.
feriarum, Chorophilus, 32.
Helocaetes, 31.
Pseudacris, 31.
ferox, Amyda, 153.
Testudo, 153.
ferreus, Anaides, 20.
Aneides, 20.
Autodax, 20.
Ficimia, 113.
cana, 113.
streckeri, 113.
flagellum, Coluber, 94.
Zamenis, 94.
flavescens, Cinosternum, 138.
Kinosternon, 138.
Platythyra, 138.
flavi-gularis, Coluber, 95.
Psammophis, 95.
flavigularis, Masticophis, 95.
flavilata, Rhadinaea, 105.
flavilatus, Dromicus, 105.
flavilatus, Leimadophis, 105.
flavipunctatus, Aneides, 21.
Plethodon, 21.
flavissimus, Pseudotriton, 16.
flaviventris, Coluber, 94.
Florida pine lizard, southern, 65.
snapper, 140.
floridana, Lampropeltis, 107.
Pseudemys, 147.
Rhineura, 84.
Testudo, 147.
floridanum, Lepidosternon, 84.
floridanus, Sceloporus, 64.
Four-toed salamander, 10.
fowleri, Bufo, 28.
Fowler's toad, 28.
Fox-snake, 100.
frenatum, Bascanion, 95.
Coluber, 95.
Frog, Anderson tree, 33.
bull, 40.
cricket, 30.
gopher, 38.
green, 40.
leopard, 41.
mink, 42.
pickerel, 41.
southern leopard, 42.
sphagnum, 42.
spring, 40.
wood, 42.
frontale, Phrynosoma, 66.
frontalis, Phrynosoma, 66.
fulvius, Coluber, 129.
Elaps, 129.
Micrurus, 129.
fulviventer, Natrix, 117.
fusca, Desmognathus, 22.
fuscus, Desmognathus, 21.
Triturus, 21.

gabbii, Callisaurus, 53.
garmani, Sceloporus, 60.
Garter-snakes, 121.
Gastrophryne, 43.
areolata, 43.
carolinensis, 43.
texensis, 43.

Gekkonidae, 45.
gentilis, Lampropeltis, 110.
Ophibolus, 110.
Osceola, 110.
geographica, Graptemys, 144.
Testudo, 144.
Gerrhonotus, 70.
burnettii, 70.
coeruleus, 70.
infernalis, 70.
kingii, 70.
multi-carinatus, 70, 71.
nobilis, 70.
palmeri, 71.
palmerii, 71.
principis, 71.
scincicauda, 71.
webbii, 71.
getula, Lampropeltis, 106.
getulus, Coluber, 106.
Lampropeltis, 106.
Ophibolus, 106.
Giant newt, 3.
Gila monster, 73.
gilberti, Xantusia, 73.
gilbertii, Amoebopsis, 73.
girardi, Coluber, 96.
Glass-snake, 69.
Glauconia dissecta, 85.
dulcis, 84.
humilis, 85.
glutinosa, Salamandra, 11.
glutinosus, Plethodon, 11.
goldmani, Crotalus, 136.
Goniochelys minor, 138.
Gopher-frog, 38.
Gopher-snake, 101.
Gopher-turtles, 149.
Gopherus, 149.
agassizii, 149.
berlandieri, 150.
polyphemus, 150.
gracia, Lichanura, 86.
gracile, Ambystoma, 5.
gracilipes, Hyla, 35.
gracilis, Sceloporus, 61.
Siredon, 5.
Tantilla, 128.
graciosa, Uta, 56.
graciosus, Sceloporus, 61.
Urosaurus, 56.
grahamiae, Salvadora, 97.
grahamii, Cnemidophorus, 75.
Natrix, 115.
Regina, 115.
grandaevus, Sator, 59.
Graptemys, 144.
geographica, 144.
kohnii, 145.
oculifera, 145.
pseudogeographica, 145.
versa, 145.
gratiosa, Hyla, 35.
Green frog, 40.
Green-snake, rough, 93.
smooth, 92.
Green-turtles, 150.
Gridiron-tailed lizard, 52.
Ground rattler, 132.
grylio, Rana, 40.
gryllus, Acris, 30.
Rana, 30.
gularis, Cnemidophorus, 75.
guttata, Clemmys, 141.
Elaphe, 98.
Testudo, 141.
guttatus, Coluber, 98.
Elaphis, 98.
gutto-lineata, Eurycea, 18.
Salamandra, 18.
guttolineatus, Spelerpes, 18.
guttulatus, Eumeces, 82.
Gyalopion canum, 113.
Gyalopium canum, 113.
Gyrinophilus, 15.
danielsi, 15.
duryi, 15.
maculicaudus, 19.
porphyriticus, 15.

Haldea striatula, 120.
halophila, Bufo, 27.
halophilus, Bufo, 27.
hammondii, Eutaenia, 123.
Scaphiopus, 26.
Spea, 26.

hammondii, Thamnophis, 123.
Hawks-bills, 151.
heckscheri, Rana, 40.
heermanni, Pituophis, 102.
helenae, Carphophis, 87.
    Celuta, 87.
Helicops alleni, 121.
Hell-bender, 3.
Helocaetes feriarum, 31.
Helocoetes, clarkii, 31.
Heloderma, 73.
    suspectum, 73.
Helodermatidae, 73.
Hemidactylium, 10.
    pacificum, 9.
    scutatum, 10.
Hemidactylus, 45.
    turcicus, 45.
hemilopha, Ctenosaura, 48.
    Cyclura, 48.
hemiophrys, Bufo, 28.
henshavii, Zablepsis, 73.
henshawi, Xantusia, 73.
hernandesi, Phrynosoma, 67.
    Tapaya, 67.
Herpetodryas margaritiferus, 101.
herrerae, Lampropeltis, 109.
hesperis, Uta, 59.
Heterodon, 91.
    browni, 91.
    contortrix, 91.
    nasicus, 92.
    platyrhinus, 91.
    simus, 92.
hexalepis, Phimothyra, 97.
    Salvadora, 97.
hieroglyphica, Emys, 148.
    Pseudemys, 148.
hippocrepis, Kinosternon, 139.
hispidus, Sauromalus, 51.
Hog-nose snakes, 91.
holbrooki, Lampropeltis, 107.
Holbrookia, 53.
    approximans, 54.
    elegans, 53.
    lacerata, 54.
    maculata, 54.
    propinqua, 54.
Holbrookia pulchra, 55.
    stonei, 55.
    texana, 55.
holbrookii, Rana, 26.
    Scaphiopus, 26.
Homalosaurus ventralis, 52.
Horn-snake, 88.
Horn-toads, 66.
horridus, Crotalus, 135.
hueyi, Thamnophis, 124.
humilis, Eumeces, 81.
    Glauconia, 85.
    Leptotyphlops, 85.
    Rena, 85.
    Siagonodon, 85.
hurterii, Scaphiopus, 26.
Hydromantes, 20.
    platycephala, 20.
    platycephalus, 20.
Hydrophidae, 130.
Hyla, 33.
    andersonii, 33.
    arenicolor, 33.
    avivoca, 33.
    baudinii, 34.
    carolinensis, 34.
    chrysoscelis, 36.
    cinerea, 34.
    crucifer, 34.
    evittata, 34.
    eximia, 34.
    femoralis, 35.
    gracilipes, 35.
    gratiosa, 35.
    pickeringii, 34.
    regilla, 35.
    septentrionalis, 35.
    squirella, 36.
    triseriata, 32.
    versicolor, 36.
Hylidae, 30.
Hylodes augusti, 37.
    ocularis, 32.
    ricordii, 37.
hyperythra, Verticaria, 75.
hyperythrus, Cnemidophorus, 75.
Hypopachus, 43.
    cuneus, 43.

Hypsiglena, 113.
ochrorhyncha, 113.
ochrorhynchus, 113.
texana, 113.

iëcanus, Aneides, 21.
Iguanidae, 47.
imbricata, Eretmochelys, 151.
Testudo, 151.
imperialis, Coniophanes, 126.
Taeniophis, 126.
Indigo-snake, 101.
inexpectatus, Eumeces, 80.
infernalis, Coluber, 126.
Gerrhonotus, 70.
Thamnophis, 126.
Inornatus, Amphiardis, 120.
insculpta, Clemmys, 141.
Testudo, 141.
insularis, Crotaphytus, 50.
intermedia, Leurognathus, 23.
Siren, 24.
intermedius, Plethodon, 11.
inusitatus, Callisaurus, 53.
isozonus, Chionactis, 112.

jamesi, Phrynosoma, 68.
jarrovii, Sceloporus, 62.
jeffersoniana, Ambystoma, 5.
Salamandra, 5.
jeffersonianum, Amblystoma, 5.
Ambystoma, 5.
Joint-snake, 69.
jordani, Plethodon, 12.

kempii, Caretta, 152.
Colpochelys, 152.
Thalassochelys, 152.
kingii, Gerrhonotus, 70.
King-snake, 106.
Kinosternidae, 137.
Kinosternon, 138.
baurii, 138.
carinatum, 137.
flavescens, 138.
hippocrepis, 139.
odoratum, 138.
palmarum, 138.
Kinosternon pensilvanicum, 139.
sonoriense, 139.
steindachneri, 139.
subrubrum, 139.
kirtlandii, Natrix, 115.
Regina, 115.
kohnii, Graptemys, 145.
Malacoclemmys, 145.

labialis, Cnemidophorus, 76.
lacerata, Holbrookia, 54.
Lacerta, fasciata, 81.
maculata, 6.
sexlineata, 77.
turcica, 45.
lacertina, Siren, 24.
laeta, Elaphe, 99.
laetus, Coluber, 99.
Scotophis, 99.
lagunensis, Eumeces, 83.
Lampropeltis, 105.
agalma, 108.
alterna, 105.
amaura, 109.
annulata, 110.
boylii, 107.
brooksi, 107.
californiae, 105.
calligaster, 106.
catalinensis, 106.
celaenops, 110.
conjuncta, 107.
elapsoides, 106.
floridana, 107.
gentilis, 110.
getula, 106.
getulus, 106.
herrerae, 109.
holbrooki, 107.
multicincta, 108.
niger, 108.
nigra, 108.
nitida, 105.
pyromelana, 109.
pyrrhomelaena, 109.
rhombomaculata, 109.
splendida, 108.
syspila, 110.

Lampropeltis triangula, 109
triangulum, 109.
virginiana, 106.
yumanensis, 108.
yumensis, 108.
laterale, Leiolopisma, 79.
Liolepisma, 79.
lateralis, Coluber, 95.
Leptophis, 95.
Lysoptychus, 60.
Scincus, 79.
Zamenis, 95.
laticeps, Eumeces, 80.
latiremis, Rana, 40.
latrans, Eleutherodactylus, 37.
Lithodytes, 37.
leberis, Natrix, 116.
lecontei, Rhinocheilus, 112.
Rhinochilus, 112.
Leimadophis, flavilatus, 105.
Leiolopisma, 79.
laterale, 79.
lentiginosus, Bufo, 30.
Leopard-frog, 41.
southern, 42.
Leopard-lizard, 50.
lepida, Caudisona, 135.
Lepidosternon floridanum, 84.
lepidus, Crotalus, 135.
Leptodactylidae, 36.
Leptodactylus, 36.
albilabris, 36.
Leptodeira, 127.
septentrionalis, 127.
leptogrammus, Eumeces, 81.
Leptophis lateralis, 95.
taeniata, 96.
Leptotyphlopidae, 84.
Leptotyphlops, 84.
cahuilae, 85.
dulcis, 84.
humilis, 85.
myopica, 85.
slevini, 85.
leucopus, Batrachoseps, 9.
Leurognathus, 23.
intermedia, 23.
marmorata, 23.
levicollis, Barissia, 72.
levis, Uta, 56.
lewisi, Necturus, 2.
Lichanura, 85.
gracia, 86.
roseofusca, 85.
trivirgata, 86.
licki, Sceloporus, 62.
lickii, Sceloporus, 62.
lindheimeri, Elaphe, viii.
lineatulus, Sceloporus, 62.
lineatum, Tropidoclonion, 120.
Tropidoclonium, 120.
lineatus, Microps, 120.
Linguaelapsus annulatus, 4.
Linguata, 25.
Liodytes, 121.
alleni, 121.
allenii, 121.
Liolepisma laterale, 79.
Liopeltis, 92.
vernalis, 92.
Lithodytes latrans, 37.
ricordii, 37.
Litoria occidentalis, 32.
littoralis, Malaclemmys, 144.
Malaclemys, 144.
Lizard, collared, 49.
fence, 65.
gridiron-tailed, 52.
leopard, 50.
pine, 65.
southern Florida pine, 65.
Lodia tenuis, 111.
lödingi, Pituophis, 103.
Loggerhead turtles, 151.
longicauda, Eurycea, 18.
Salamandra, 18.
longicaudus, Spelerpes, 19.
longirostris, Eumeces, 81.
Plestiodon, 81.
Loricata, 44.
lucasensis, Crotalus, 133.
Dipso-saurus, 49.
lucifer, Crotalus, 135.
lucifuga, Eurycea, 19.
lugubris, Aneides, 21.
Autodax, 21.

MARINE BIOLOGICAL LABORATORY WOODS HOLE MASS. LIBRARY

lugubris, Salamandra, 21.
luteiventris, Rana, 41.
lutosus, Crotalus, 134.
Lycodon lyrophanes, 127.
lyrophanes, Lycodon, 127.
Trimorphodon, 127.
Lysoptychus lateralis, 60.

mabeei, Ambystoma, 5.
maccallii, Anota, 68.
Phrynosoma, 68.
Macrochelys, 140.
temminckii, 140.
macrodactyla, Ambystoma, 6.
macrodactylum, Amblystoma, 6.
Ambystoma, 6.
macrospilota, Malaclemmys, 144.
Malaclemys, 144.
maculata, Holbrookia, 54
Lacerta, 6.
maculatum, Ambystoma, 6.
maculicaudus, Gyrinophilus, 19.
maculo-quadrata, Salamandra, 23.
maculosa, Sirena, 1.
maculosus, Necturus, 1.
magister, Sceloporus, 62.
major, Batrachoseps, 9.
Cistudo, 143.
Terrapene, 143.
Malaclemmys concentrica, 144.
littoralis, 144.
macrospilota, 144.
pileata, 144.
Malaclemys, 143.
centrata, 143.
concentrica, 144.
littoralis, 144.
macrospilota, 144.
pileata, 144.
Malacoclemmys kohnii, 145.
oculifera, 145.
Manculus, 15.
quadridigitatus, 16.
remifer, 16.
mannophorus, Uta, 56.
Map-turtles, 144.
Marbled salamander, 6.
marciana, Eutaenia, 122.
marciana, Eutainia, 122.
marcianus, Thamnophis, 122.
margaritiferus, Drymobius, 101.
Herpetodryas, 101.
marginata, Chrysemys, 146.
marginatum, Stereochilus, 14.
marginatus, Pseudotriton, 14.
Stereochilus, 14.
marina, Rana, 29.
marinus, Bufo, 29.
marmorata, Clemmys, 141.
Emys, 141.
Leurognathus, 23.
marnockii, Syrrhophus, 38.
martinensis, Uta, 56.
martyris, Cnemidophorus, 78.
Massasauga, 131.
Masticophis flavigularis, 95.
ruthveni, 96.
schotti, 96.
maximus, Cnemidophorus, 77.
m'callii, Anota, 68.
Phrynosoma, 68.
means, Amphiuma, 2.
Meantes, 23.
mearnsi, Uta, 56.
mearnsii, Uta, 56.
megalops, Eutaenia, 122.
Thamnophis, 122.
melanoleucus, Coluber, 103.
Pituophis, 103.
Pityophis, 103.
melanopleura, Eurycea, 19.
melanopleurus, Spelerpes, 19.
melanostethus, Cnemidophorus, 77.
melanurus, Drymarchon, 101.
Spilotes, 101.
Menobranchus punctatus, 2.
meridionalis, Diemyctylus, 3.
Triturus, 3.
merriami, Sceloporus, 62.
metcalfi, Plethodon, 12.
microphthalmus, Oxybelis, 127.
Microps lineatus, 120.
microscutata, Uta, 57.
microstomum, Ambystoma, 7.
microstomus, Chondrotus, 6.
Micruroides, 130.

Micruroides euryxanthus, 130.
Micrurus, 129.
barbouri, 130.
euryxanthus, 130.
fulvius, 129.
miliarius, Crotalus, 132.
Sistrurus, 132.
Milk-snake, 109.
Mink-frog, 42.
minor, Goniochelys, 138.
Sternotherus, 138.
missisipensis, Alligator, 45.
mississipiensis, Alligator, 44.
Crocodilus, 44.
mississippiensis, Alligator, 45.
mitchellii, Caudisona, 136.
Crotalus, 136.
mitis, Contia, 111.
mobilensis, Emys, 148.
Pseudemys, 148.
Moccasin, cotton-mouth, 131.
salt-water, 115.
modesta, Anota, 68.
modestum, Phrynosoma, 68.
modestus, Diadophis, 89.
mokasen, Agkishodon, 131.
Agkistrodon, 131.
Mole salamander, 6.
snake, 109.
molossus, Crotalus, 136.
monserratensis, Sceloporus, 63.
montana, Eurycea, 16.
montanus, Pseudotriton, 16.
Spelerpes, 16.
monticola, Desmognathus, 22.
Moon-snake, 116.
mormon, Coluber, 94.
Mountain boomer, 49.
Mud-eel, 24.
Mud-snake, 88.
Mud-turtles, 138.
Mudpuppy, 1.
mugitus, Pituophis, 103.
muhlenbergii, Clemmys, 141.
Testudo, 141.
multi-carinatus, Cordylus, 70.
Gerrhonotus, 70, 71.
multicincta, Lampropeltis, 108.
multicinctus, Ophibolus, 108.
multiplicata, Eurycea, 19.
multiplicatus, Spelerpes, 19.
multiscutatus, Cnemidophorus, 78.
multispinis, Ctenosaura, 48.
multivirgatum, Plestiodon, 81.
multivirgatus, Eumeces, 81.
mundus, Cnemidophorus, 78.
muscosa, Rana, 39.
Musk-turtles, 137, 138.
Mutabilia, 2.
mutica, Amyda, 153.
muticus, Trionyx, 153.
mydas, Chelonia, 150.
Testudo, 150.
myopica, Leptotyplops, 85.
myopicum, Stenostoma, 85.
myurus, Callisaurus, 53.

nasicus, Heterodon, 92.
Natrix, 114.
clarkii, 114.
compressicauda, 115.
confluens, 117.
cyclopion, 115.
cyclopium, 115.
erythrogaster, 117.
fasciata, 117.
fulviventer, 117.
grahamii, 115.
kirtlandii, 115.
leberis, 116.
pictiventris, 117.
rhombifera, 115.
rigida, 116.
septemvittata, 116.
sipedon, 116.
taxispilota, 118.
transversa, 117.
valida, 118.
nebulosa, Chrysemys, 148.
Pseudemys, 148.
Necturidae, 1.
Necturus, 1.
lewisi, 1.
maculosus, 1.
punctatus, 2.
nelsoni, Phrynosoma, 69.

Neoseps, 83.
reynoldsi, 83.
Nerodia, compressicauda, 115.
Newt, California, 3.
common, 3.
giant, 3.
niger, Lampropeltis, 108.
Ophibolus, 108.
nigra, Anniella, 72.
Lampropeltis, 108.
nigricauda, Uta, 57.
nigriceps, Tantilla, 129.
nigrita, Pseudacris, 31.
Rana, 31.
nigritus, Chorophilus, 31.
nitida, Lampropeltis, 105.
nitidus, Pseudotriton, 17.
nobilis, Gerrhonotus, 70.
nolascensis, Uta, 57.
notata, Uma, 53.
notatus, Sphaerodactylus, 46.
Notophthalmus torosus, 3.
viridescens, 4.
vittatus, 4.

obesus, Euphryne, 51.
Sauromalus, 51.
obsoleta, Elaphe, 99.
obsoletum, Plestiodon, 82.
obsoletus, Coluber, 99.
Elaphis, 99.
Eumeces, 82.
occidentalis, Arizona, 102.
Chorophilus, 32.
Diadophis, 89.
Litoria, 32.
Pseudacris, 32.
Sceloporus, 63.
occipitale, Rhinostoma, 112.
occipitalis, Chionactis, 112.
Sonora, 112.
occipito-maculata, Storeria, 119.
occipito-maculatus, Coluber, 119.
ochrophaea, Desmognathus, 22.
ochrophaeus, Desmognathus, 22.
ochrorhyncha, Hypsiglena, 113.
ochrorhynchus, Hypsiglena, 113.
ocularis, Chorophilus, 32.
ocularis, Hylodes, 32.
Pseudacris, 32.
oculifera, Graptemys, 145.
Malacoclemmys, 145.
odorata, Testudo, 138.
odoratum, Kinosternon, 138.
odoratus, Sternothaerus, 138.
Sternotherus, 138.
olivacea, Caretta, 152.
Chelonia, 152.
olympicus, Ranodon, 8.
Rhyacotriton, 8.
onca, Rana, 41.
opaca, Ambystoma, 6.
Salamandra, 6.
opacum, Amblystoma, 6.
Ambystoma, 6.
Opheodrys, 93.
aestivus, 93.
Ophibolus alternus, 105.
boylii, 107.
californiae, 105.
calligaster, 106.
gentilis, 110.
getulus, 106.
multicinctus, 108.
niger, 108.
pyromelanus, 109.
pyrrhomelas, 109.
rhombomaculatus, 109.
sayi, 107.
splendidus, 108.
syspilus, 110.
Ophis californiae, 105.
Ophisaurus, 69.
ventralis, 69.
orcutti, Sceloporus, 64.
orcuttii, Sceloporus, 64.
ordinoides, Eutaenia, 122.
Thamnophis, 122.
Tropidonotus, 122.
oreganus, Crotalus, 134.
oregonensis, Plethodon, 13.
ornata, Cistudo, 143.
Pseudacris, 33.
Rana, 33.
Terrapene, 143.
Uta, 57.

ornatissima, Tapaya, 68.
ornatissimum, Phrynosoma, 68.
ornatum, Phrynosoma, 68.
ornatus, Chorophilus, 33.
Zamenis, 96.
Osceola annulata, 110
coccinea, 110
elapsoidea, 106.
gentilis, 110.
syspila, 110.
triangula, 109.
osceola, Chelydra, 140.
Oxybelis, 127.
microphthalmus, 127.

pachyurus, Eumeces, 82.
Pacific tree-toad, 35.
pacificum, Hemidactylium, 9.
pacificus, Batrachoseps, 9.
Painted turtles, 146.
palmarum, Kinosternon, 138.
palmeri, Gerrhonotus, 71.
Uta, 58.
palmerii, Gerrhonotus, 71.
Uta, 58.
palustris, Rana, 41.
parietalis, Coluber, 126.
Eutaenia, 126.
Thamnophis, 126.
paroticum, Amblystoma, 6.
Ambystoma, 5.
paroticus, Chondrotus, 5.
parviscutata, Uta, 57.
Patch-nose snake, 97.
Peeper, spring, 34.
Pelamydrus, 130.
platurus, 130.
pensilvanicum, Kinosternon, 139.
perplexus, Cnemidophorus, 77.
Phimothyra decurtata, 97.
hexalepis, 97.
phoca, Desmognathus, 22.
Salamandra, 22.
Phrynosoma, 66.
blainvillei, 66.
blainvillii, 66.
brevicorne, 67.
brevirostre, 66.
Phrynosoma cerroense, 66.
cornutum, 67.
coronatum, 67.
ditmarsi, 67.
douglassii, 67.
frontale, 66.
frontalis, 66.
hernandesi, 67.
jamesi, 68.
maccallii, 68.
m'callii, 68.
modestum, 68.
nelsoni, 69.
ornatissimum, 68.
ornatum, 68.
platyrhinos, 69.
schmidti, 69.
solare, 69.
solaris, 69.
Phyllodactylus, 45.
tuberculosus, 45.
unctus, 46.
Phyllorhynchus, 97.
browni, 97.
decurtatus, 97.
piceum, Bascanion, 95.
piceus, Coluber, 95.
Zamenis, 95.
Pickerel-frog, 41.
pickeringii, Hyla, 34.
picta, Chrysemys, 146.
Testudo, 146.
Verticaria, 76.
pictus, Cnemidophorus, 76.
pictiventris, Natrix, 117.
pileata, Emys, 144.
Malaclemmys, 144.
Malaclemys, 144.
Pilot black-snake, 99.
Pine-lizard, 65.
southern Florida, 65.
Pine-snake, 103.
pipiens, Rana, 41.
piscivorus, Agkistrodon, 131.
Ancistrodon, 131.
Crotalus, 131.
Pituophis, 102.
affinis, 104.

Pituophis annectens, 102.
catenifer, 102.
deppei, 103.
deserticola, 102.
heermanni, 102.
lödingi, 103.
melanoleucus, 103.
mugitus, 103.
ruthveni, 104.
rutilus, 104.
sayi, 104.
stejnegeri, 103.
vertebralis, 104.
Pityophis bellona, 104.
catenifer, 102.
melanoleucus, 103.
sayi, 104.
vertebralis, 104.
planiceps, Coluber, 129.
Tantilla, 129.
platura, Anguis, 130.
platurus, Pelamydrus, 130.
platycephala, Eurycea, 20.
Hydromantes, 20.
platycephalus, Hydromantes, 20.
Spelerpes, 20.
platyrhina, Anota, 69.
platyrhinos, Phrynosoma, 69.
platyrhinus, Heterodon, 91.
Platythyra flavescens, 138.
Plestiodon anthracinus, 80.
egregius, 80.
longirostris, 81.
multivirgatum, 81.
obsoletum, 82.
septentrionalis, 82.
skiltonianum, 83.
tetragrammus, 83.
Plethodon, 10.
aeneus, 20.
cinereus, 10.
clemsonae, 11.
croceater, 13.
dorsalis, 11.
elongatus, 11.
eschscholtzii, 13.
flavipunctatus, 21.
glutinosus, 11.
Plethodon intermedius, 11.
jordani, 12.
metcalfi, 12.
oregonensis, 13.
shermani, 12.
vandykei, 12.
wehrlei, 12.
welleri, 13.
yonahlossee, 13.
Plethodontidae, 8.
pleurostictus, Epiglottophis, 103.
pluvialis, Eumeces, 82.
poinsettii, Sceloporus, 65.
polyphemus, Gopherus, 150.
Testudo, 150.
porphyritica, Salamandra, 15.
porphyriticus, Gyrinophilus, 15.
Potamophis, 120.
striatulus, 120.
Prairie rattler, 133.
pretiosa, Rana, 41.
pricei, Crotalus, 136.
principis, Elgaria, 71.
Gerrhonotus, 71.
propinqua, Holbrookia, 54.
Proteida, 1.
proxima, Eutaenia, 125.
proximus, Coluber, 125.
Thamnophis, 125.
Psammophis, flavi-gularis, 95.
Pseudacris, 31.
brachyphona, 31.
clarkii, 31.
feriarum, 31.
nigrita, 31.
occidentalis, 32.
ocularis, 32.
ornata, 33.
septentrionalis, 32.
triseriata, 32.
Pseudemys, 147.
alabamensis, 147.
concinna, 147.
elegans, 147.
elonae, 148.
floridana, 147.
hieroglyphica, 148.
mobilensis, 148.

Pseudemys nebulosa, 148.
rubriventris, 148.
scripta, 148.
texana, 149.
troostii, 149.
vioscana, 148.
Pseudobranchus, 24.
striatus, 24.
pseudogeographica, Emys, 145.
Graptemys, 145.
Pseudotriton, 16.
flavissimus, 16.
marginatus, 14.
montanus, 16.
nitidus, 17.
ruber, 17.
schencki, 17.
Puffing adder, 91.
pulchellus, Diadophis, 89.
pulchra, Holbrookia, 55.
Anniella, 72.
punctatissimus, Chilomeniscus, 114.
punctatum, Amblystoma, 6.
punctatus, Bufo, 29.
Coluber, 90.
Diadophis, 90.
Menobranchus, 2.
Necturus, 2.
punctilinealis, Cnemidophorus, 78.
pygaea, Contia, 118.
Seminatrix, 118.
pyromelana, Lampropeltis, 109.
pyromelanus, Ophibolus, 109.
pyrrhomelaena, Lampropeltis, 109.
pyrrhomelas, Ophibolus, 109.

quadra-maculata, Salamandra, 23.
quadra-maculatus, Desmognathus, 23.
quadridigitata, Salamandra, 16.
quadridigitatus, Manculus, 16.
quadrimaculata, Desmognathus, 23.
quadrivittata, Elaphe, 99.
quadrivittatus, Coluber, 99.
Queen-snake, 116.
quercicus, Bufo, 29.
quinquelineatus, Eumeces, 81.

Racer, blue, 94.
western, 94.
radix, Eutaenia, 124.
Eutainia, 124.
Thamnophis, 124.
Rain-toad, 36.
Rainbow-snake, 88.
Rana, 38.
aesopus, 38.
areolata, 38.
aurora, 39.
boylii, 39.
cantabrigensis, 40.
catesbeiana, 40.
catesbiana, 40.
clamata, 40.
clamitans, 40.
draytoni, 39.
draytonii, 39.
grylio, 40.
gryllus, 30.
heckscheri, 40.
holbrookii, 26.
latiremis, 40.
luteiventris, 41.
marina, 29.
muscosa, 39.
nigrita, 31.
onca, 41.
ornata, 33.
palustris, 41.
pipiens, 41.
pretiosa, 41.
septentrionalis, 42.
sierrae, 39.
silvatica, 42.
sphenocephala, 42.
sylvatica, 42.
tarahumarae, 42.
virescens, 41.
virgatipes, 42.
Ranidae, 38.
Ranodon olympicus, 8.
rathbuni, Typhlomolge, 14.
Rattler, diamond-back, 132.
ground, 132.
prairie, 133.
Rattlesnake, banded, 135.
black, 135.
canebrake, 135.

Rattlesnake, timber, 135.
yellow, 134.
Rattlesnakes, 132.
Red eft, 3.
salamander, 17.
Red-bellied snake, 119.
Redbacked salamander, 10.
regalis, Diadophis, 91.
regilla, Hyla, 35.
Regina clarkii, 114.
grahamii, 115.
kirtlandii, 115.
valida, 118.
remifer, Manculus, 16.
Rena dulcis, 84.
humilis, 85.
repens, Uta, 58.
Reptilia, 44.
reticularia, Deirochelys, 149.
Testudo, 149.
reticulatus, Crotaphytus, 50.
reynoldsi, Neoseps, 83.
Rhadinaea, 105.
flavilata, 105.
Rhinechis elegans, 102.
Rhineura, 84.
floridana, 84.
Rhinocheilus, 112.
lecontei, 112.
Rhinochilus lecontei, 112.
Rhinostoma occipitale, 112.
rhombifer, Tropidonotus, 115.
rhombifera, Natrix, 115.
rhombomaculata, Lampropeltis, 109.
rhombomaculatus, Coluber, 109.
Ophibolus, 109.
Rhyacotriton, 8.
olympicus, 8.
Ribbon-snake, 124.
ricordii, Eleutherodactylus, 37.
Hylodes, 37.
Lithodytes, 37.
rigida, Natrix, 116.
rigidus, Coluber, 116.
Ring-neck snakes, 88.
riversiana, Xantusia, 74.
rosacea, Elaphe, 100.
rosaceus, Coluber, 100.
rosaliae, Coluber, 100.
Elaphe, 100.
roseofusca, Lichanura, 85.
Rough green-snake, 93.
Rubber-snake, 86.
ruber, Crotalus, 135.
Pseudotriton, 17.
Spelerpes, 17.
rubidus, Cnemidophorus, 79.
rubra, Eurycea, 17.
Salamandra, 17.
rubriventris, Pseudemys, 148.
Testudo, 148.
rufidorsum, Sceloporus, 64.
ruthveni, Coluber, 96.
Masticophis, 96.
Pituophis, 104.
rutilus, Pituophis, 104.

sackeni, Thamnophis, 125.
sackenii, Eutaenia, 125.
Thamnophis, 125.
Salamander, dusky, 10.
dwarf, 16.
four-toed, 10.
marbled, 6.
mole, 6.
red, 17.
redbacked, 10.
slimy, 11.
spotted, 6.
tiger, 7.
Salamandra alleganiensis, 3.
auriculata, 22.
bislineata, 17.
cinerea, 10.
glutinosa, 11.
gutto-lineata, 18.
jeffersoniana, 5.
longicauda, 18.
lugubris, 21.
maculo-quadrata, 23.
opaca, 6.
phoca, 22.
porphyritica, 15.
quadra-maculata, 23.
quadridigitata, 16.
rubra, 17.

Salamandra scutata, 10.
symmetrica, 4.
talpoidea, 6.
texana, 7.
tigrina, 7.
Salamandridae, 3.
Salamandrina attenuata, 8.
Salientia, 25.
Salt-water moccasin, 115.
Salvadora, 97.
grahamiae, 97.
hexalepis, 97.
Sator, 59.
angustus, 59.
grandaevus, 59.
Sauria, 45.
saurita, Coluber, 124.
Eutaenia, 124.
sauritus, Thamnophis, 124.
Sauromalus, 51.
ater, 51.
hispidus, 51.
obesus, 51.
slevini, 51.
townsendi, 51.
varius, 52.
sayi, Coluber, 104.
Ophibolus, 107.
Pituophis, 104.
Pityophis, 104.
scalaris, Sceloporus, 64.
Scaphiopodidae, 25.
Scaphiopus, 25.
albus, 26
couchii, 25.
hammondii, 26.
holbrookii, 26.
hurterii, 26.
Sceloporus, 60.
becki, 63.
bi-seriatus, 63.
clarkii, 60, 62.
consobrinus, 60.
couchii, 60.
cyanogenys, 64.
disparilis, 60.
elongatus, 61.
floridanus, 64.
Sceloporus garmani, 60.
gracilis, 61.
graciosus, 61.
jarrovii, 62.
licki, 62.
lickii, 62.
lineatulus, 62.
magister, 62.
merriami, 62.
monserratensis, 63.
occidentalis, 63.
orcutti, 64.
orcuttii, 64.
poinsettii, 65.
rufidorsum, 64.
scalaris, 64.
spinosus, 64.
taylori, 63.
undulatus, 61, 65.
vandenburgianus, 61.
variabilis, 65.
woodi, 65.
zosteromus, 65.
schencki, Eurycea, 17.
Pseudotriton, 17.
Spelerpes, 17.
schlegelii, Dermochelys, 152.
Sphargis, 152.
schmidti, Phrynosoma, 69.
Verticaria, 76.
schotti, Coluber, 96.
Masticophis, 96.
Zamenis, 96.
scincicauda, Gerrhonotus, 71.
Tropidolepis, 71.
Scincidae, 79.
Scincus lateralis, 79.
Scorpion, 81.
Scotophis confinis, 99.
laetus, 99.
vulpinus, 100.
scripta, Pseudemys, 148.
Testudo, 148.
scutata, Salamandra, 10.
scutatum, Hemidactylium, 10.
scutulatus, Crotalus, 133.
semiannulata, Sonora, 112.
semilineatum, Bascanium, 96.

semilineatus, Coluber, 96.
Zamenis, 96.
Seminatrix, 118.
pygaea, 118.
septemvittata, Natrix, 116.
septemvittatus, Coluber, 116.
septentrionale, Sibon, 127.
septentrionalis, Chorophilus, 32.
Dipsas, 127.
Eumeces, 82.
Hyla, 35.
Leptodeira, 127.
Plestiodon, 82.
Pseudacris, 32.
Rana, 42.
sericea, Verticaria, 76.
Serpentes, 84.
serpentina, Chelydra, 140.
Testudo, 140.
sexlineata, Lacerta, 77.
sexlineatus, Cnemidophorus, 77.
Shell-turtles, 151.
shermani, Plethodon, 12.
Siagonodon, humilis, 85.
Sibon septentrionale, 127.
Sidewinder, 133.
sierrae, Ensatina, 14.
Rana, 39.
silus, Crotaphytus, 50.
silvatica, Rana, 42.
similis, Diadophis, 89.
simus, Coluber, 92.
Heterodon, 92.
sipedon, Coluber, 116.
Natrix, 116.
Siredon gracilis, 5.
Siren, 23.
intermedia, 24.
lacertina, 24.
striata, 24.
Sirena maculosa, 1.
Sirenidae, 23.
sirtalis, Coluber, 125.
Eutaenia, 125.
Thamnophis, 125.
Sistrurus, 131.
catenatus, 131.
edwardsii, 132.
Sistrurus miliarius, 132.
skiltonianum, Plestiodon, 83.
skiltonianus, Eumeces, 83.
Skink, blue-tailed, 81.
slevini, Leptotyphlops, 85.
Sauromalus, 51.
Uta, 58.
Sliders, 147.
Slimy salamander, 11.
Smilisca baudinii, 34.
Smooth green-snake, 92.
Snake, ball, 86.
black, 94.
bull, 104.
chain, 106.
chicken, 99.
Congo, 2.
corn, 98.
DeKay's, 118.
fox, 100.
glass, 69.
gopher, 101.
hog-nose, 91.
horn, 88.
indigo, 101.
joint, 69.
king, 106.
milk, 109.
mole, 109.
moon, 116.
mud, 88.
patch-nose, 97.
pilot black, 99.
pine, 103.
queen, 116.
rainbow, 88.
red-bellied, 119.
ribbon, 124.
rough green, 93.
rubber, 86.
smooth green, 92.
water, 116.
western bull, 102.
worm, 87.
Snakes, coral, 129.
garter, 121.
hog-nose, 84.
ring-neck, 88.

Snapper, alligator, 140.
common, 140.
Florida, 140.
Soft-shelled turtles, 153.
solare, Phrynosoma, 69.
solaris, Phrynosoma, 69.
Soldier turtles, 146.
Sonora, 112.
occipitalis, 112.
semiannulata, 112.
taylori, 112.
sonoriense, Kinosternon, 139.
Southern Florida pine lizard, 65.
leopard-frog, 42.
toad, 30.
Spadefoot, 26.
Spea hammondii, 26.
spelaeus, Typhlotriton, 14.
Spelerpes bilineatus, 18.
cirrigera, 18.
danielsi, 15.
guttolineatus, 18.
longicaudus, 19.
melanopleurus, 19.
montanus, 16.
multiplicatus, 19.
platycephalus, 20.
ruber, 17.
schencki, 17.
Sphaerodactylus, 46.
cinereus, 46.
notatus, 46.
Sphagnum-frog, 42.
Sphargis schlegelii, 152.
sphenocephala, Rana, 42.
Spilotes melanurus, 101.
spinifera, Amyda, 153.
spiniferus, Trionyx, 153.
spinosus, Sceloporus, 64.
splendida, Lampropeltis, 108.
splendidus, Callisaurus, 52.
Ophibolus, 108.
Spotted salamander, 6.
turtle, 141.
Spreading adder, 91.
Spring-frog, 40.
Spring-peeper, 34.
Squamata, 45.
squamata, Uta, 58.
squamosa, Caretta, 151.
Eretmochelys, 151.
squirella, Hyla, 36.
stansburiana, Uta, 58.
steindachneri, Cinosternum, 139.
Kinosternon, 139.
stejnegeri, Anolis, 47.
Cnemidophorus, 79.
Pituophis, 103.
Uta, 59.
stejnegerii, Cnemidophorus, 79.
stellata, Uta, 59.
Stellio undulatus, 65.
Stenodactylus variegatus, 47.
Stenostoma, myopicum, 85.
stephens, Crotalus, 136.
Stereochilus, 14.
marginatum, 14.
marginatus, 14.
Sternothaerus odoratus, 138.
Sternotherus, 137.
carinatus, 137.
minor, 138.
odoratus, 138.
stictogenys, Diadophis, 90.
Stilosoma, 111.
extenuatum, 111.
Stink-pots, 137, 138.
stonei, Holbrookia, 55.
Storeria, 118.
dekayi, 118.
occipito-maculata, 119.
victa, 119.
stramineus, Chilomeniscus, 114.
streckeri, Ficimia, 113.
striata, Siren, 24.
striatula, Haldea, 120.
striatulus, Coluber, 120.
Potamophis, 120.
striatus, Pseudobranchus, 24.
Stylophis, extenuatus, 111.
subocularis, Coluber, 100.
Elaphe, 100.
subrubra, Testudo, 139.
subrubrum, Kinosternon, 139.
suspectum, Heloderma, 73.
Swifts, 74.

sylvatica, Rana, 42.
symmetrica, Salamandra, 4.
Triturus, 4.
Uta, 57.
Synapsida, 137.
Syrrhophus, 38.
campi, 38.
marnockii, 38.
syspila, Lampropeltis, 110.
Osceola, 110.
syspilus, Ophibolus, 110.

taeniata, Leptophis, 96.
taeniatus, Coluber, 96.
Zamenis, 96.
Taeniophis imperialis, 126.
talpoidea, Salamandra, 6.
talpoideum, Amblystoma, 7.
Ambystoma, 6.
Tantilla, 128.
coronata, 128.
eiseni, 128.
gracilis, 128.
nigriceps, 129.
planiceps, 129.
wilcoxi, 129.
Tapaya brevirostris, 66.
hernandesi, 67.
ornatissima, 68.
tarahumarae, Rana, 42.
taxispilota, Natrix, 118.
taxispilotus, Tropidonotus, 118.
taylori, Contia, 112.
Sceloporus, 63.
Sonora, 112.
taylorii, Chionactis, 112.
Teiidae, 74.
temminckii, Chelonura, 140.
Macrochelys, 140.
tenebrosum, Ambystoma, 8.
tenuis, Calamaria, 111.
Contia, 111.
Lodia, 111.
Terrapene, 142.
bauri, 142.
carolina, 142.
major, 143.
ornata, 143.
Terrapene triunguis, 143.
Terrapins, diamond-back, 143.
terrestris, Bufo, 30.
tesselata, Ameiva, 77.
tessellatus, Cnemidophorus, 77.
Testudinata, 137.
Testudinidae, 141.
Testudo caretta, 151.
carolina, 142.
centrata, 143.
concentrica, 144.
concinna, 147.
coriacea, 152.
ferox, 153.
floridana, 147.
geographica, 144.
guttata, 141.
imbricata, 151.
insculpta, 141.
muhlenbergii, 141.
mydas, 150.
odorata, 138.
picta, 146.
polyphemus, 150.
reticularia, 149.
rubriventris, 148.
scripta, 148.
serpentina, 140.
subrubra, 139.
tetragrammus, Eumeces, 83.
Plestiodon, 83.
texana, Holbrookia, 55.
Hypsiglena, 113.
Pseudemys, 149.
Salamandra, 7.
texanum, Amblystoma, 7.
Ambystoma, 7.
texanus, Chondrotus, 7.
Cophosaurus, 55.
texense, Engystoma, 43.
texensis, Gastrophryne, 43.
thalassina, Uta, 59.
Thalassochelys kempii, 152.
Thamnophis, 121.
angustirostris, 121.
atratus, 123.
biscutatus, 123.
butleri, 121.

Thamnophis concinnus, 126.
couchii, 123.
elegans, 123.
eques, 122.
hammondii, 123.
hueyi, 124.
infernalis, 126.
marcianus, 122.
megalops, 122.
ordinoides, 122.
parietalis, 126.
proximus, 125.
radix, 124.
sackeni, 125.
sackenii, 125.
sauritus, 124.
sirtalis, 125.
vagrans, 124.
Tiger salamander, 7.
tigrina, Ambystoma, 7.
Salamandra, 7.
tigrinum, Amblystoma, 7.
Ambystoma, 7.
tigris, Crotalus, 136.
Timber rattlesnake, 135.
Toad, American, 27.
Fowler's 28.
Pacific tree, 35.
rain, 36.
southern, 30.
tree, 36.
Toads, horn, 66.
torosus, Diemyctylus, 3.
Notophthalmus, 3.
Triturus, 3.
Tortrix bottae, 86.
tortugensis, Crotalus, 133.
townsendi, Sauromalus, 51.
transversa, Natrix, 117.
transversus, Tropidonotus, 117.
Tree-frog, Anderson, 33.
Tree-toad, 36.
Pacific, 35.
treleasei, Chrysemys, 146.
triangula, Lampropeltis, 109.
Osceola, 109.
triangulum, Coluber, 109.
Lampropeltis, 109.
tridactylum, Amphiuma, 2.
Trimorphodon, 127.
lyrophanes, 127.
vandenburghi, 128.
vilkinsonii, 128.
Trionychidae, 153.
Trionyx muticus, 153.
spiniferus, 153.
triseriata, Hyla, 32.
Pseudacris, 32.
triseriatus, Chorophilus, 32.
Crotalus, 136.
Triton ensatus, 7.
Triturus, 3.
dorsalis, 4.
fuscus, 21.
meridionalis, 3.
symmetrica, 4.
torosus, 3.
viridescens, 3.
triunguis, Cistudo, 143.
Terrapene, 143.
trivirgata, Lichanura, 86.
troostii, Emys, 149.
Pseudemys, 149.
Tropidoclonion, 120.
lineatum, 120.
Tropidoclonium lineatum, 120.
Tropidolepis scincicauda, 71.
Tropidonotus concinnus, 126.
cyclopion, 115.
dekayi, 118.
ordinoides, 122.
rhombifer, 115.
taxispilotus, 118.
transversus, 117.
truei, Ascaphus, 25.
tuberculosus, Phyllodactylus, 45.
turcica, Lacerta, 45.
turcicus, Hemidactylus, 45.
Turtle, bastard, 152.
Blanding's, 142.
chicken, 149.
spotted, 141.
wood, 141.
Turtles, box, 142.
gopher, 149.
green, 150.

Turtles, loggerhead, 151.
map, 144.
mud, 138.
musk, 137, 138.
painted, 146.
shell, 151.
soft-shelled, 153.
soldier, 146.
Typhlomolge, 14.
rathbuni, 14.
Typhlotriton, 14.
spelaeus, 14.

Uma, 53.
notata, 53.
unctus, Diplodactylus, 46.
Phyllodactylus, 46.
undulatus, Sceloporus, 61, 65.
Stellio, 65.
Urosaurus graciosus, 56.
Uta, 55.
auriculata, 55.
clarionensis, 55.
concinna, 56.
elegans, 58.
graciosa, 56.
hesperis, 59.
levis, 56.
mannophorus, 56.
martinensis, 56.
mearnsi, 56.
mearnsii, 56.
microscutata, 57.
nigricauda, 57.
nolascensis, 57.
ornata, 57.
palmeri, 58.
palmerii, 58.
parviscutata, 57.
repens, 58.
slevini, 58.
squamata, 58.
stansburiana, 58.
stejnegeri, 59.
stellata, 59.
symmetrica, 57.
thalassina, 59.
wrighti, 56.

vagrans, Eutaenia, 124.
Eutainia, 124.
Thamnophis, 124.
valeriae, Virginia, 119.
valida, Natrix, 118.
Regina, 118.
valliceps, Bufo, 30.
vandenburghi, Cnemidophorus, 79.
Diadophis, 89.
Trimorphodon, 128.
vandenburgianus, Sceloporus, 61.
vandykei, Plethodon, 12.
variabilis, Sceloporus, 65.
variegatus, Coleonyx, 47.
Eublepharis, 47.
Stenodactylus, 47.
varius, Sauromalus, 52.
ventralis, Anguis, 69.
Callisaurus, 52.
Homalosaurus, 52.
Ophisaurus, 69.
vermis, Carphophiops, 87.
Carphophis, 87.
Celuta, 87.
vernalis, Coluber, 92.
Liopeltis, 92.
versa, Graptemys, 145.
versicolor, Hyla, 36.
vertebralis, Coluber, 104.
Pituophis, 104.
Pityophis, 104.
Verticaria beldingi, 75.
caerulea, 76.
espiritensis, 75.
hyperythra, 75.
picta, 76.
schmidti, 76.
sericea, 76.
victa, Storeria, 119.
vigilis, Xantusia, 74.
vilkinsonii, Trimorphodon, 128.
vioscana, Pseudemys, 148.
virescens, Rana, 41.
virgatipes, Rana, 42.
Virginia, 119.
elegans, 119.
valeriae, 119.
virginiana, Lampropeltis, 106.

viridescens, Diemyctylus, 4.
Notophthalmus, 4.
Triturus, 3.
vittatus, Notophthalmus, 4.
vulpina, Elaphe, 100.
vulpinus, Coluber, 100.
Elaphe, 100.
Scotophis, 100.

Water-pilot, 118.
Water-snake, 116.
Waterdog, 1.
webbii, Gerrhonotus, 71.
wehrlei, Plethodon, 12.
welleri, Plethodon, 13.
Western bull-snake, 102.
racer, 94.
whip, Coach, 94.
Whip-tails, 74.
wilcoxi, Tantilla, 129.
wilderae, Eurycea, 18.
willardi, Crotalus, 137.
wislizenii, Crotaphytus, 50.
Wood-frog, 42.
Wood-turtle, 141.
woodhousei, Bufo, 30.
woodhousii, Bufo, 30.
woodi, Sceloporus, 65.
Worm-snake, 87.
wrighti, Uta, 56.

Xantusia, 73.
arizonae, 73.
gilberti, 73.
henshawi, 73.
riversiana, 74.
vigilis, 74.
Xantusiidae, 73.
Xerobates agassizii, 149.
berlandieri, 150.

Yellow rattlesnake, 134.
yonahlossee, Plethodon, 13.
yumanensis, Lampropeltis, 108.
yumensis, Lampropeltis, 108.

Zablepsis henshavii, 73.
Zamenis aurigulus, 93.
constrictor, 94.
flagellum, 94.
lateralis, 95.
ornatus, 96.
piceus, 95.
schotti, 96.
semilineatus, 96.
taeniatus, 96.
zosteromus, Sceloporus, 65.